

# SKIN DIVER MAGAZINE

## WORLD WIDE . . . UNDERWATER CLUB ROSTER

35c  
MAY  
1958



THE ONE AND ONLY! .....

# "aqua-lung"

COUSTEAU-GAGNAN Pat.



★ DA **"aqua-master"**  
DELUXE TWO-STAGE REGULATOR.

★ DA **"navy"**  
STANDARD NAVY TWO-STAGE REGULATOR.

★ DW **"mistral"**  
SINGLE STAGE REGULATOR.

★ AM **"aqua-matic"**  
SINGLE HOSE TWO-STAGE REGULATOR.

*The most complete line of Safety  
proven Diving Lungs in the world.*

Ask your Local Dealer, or write direct for your Copy, our 1958 Catalog.

## u.s. divers co.

11201 WEST PICO BLVD. • LOS ANGELES 64, CALIFORNIA

# NOW . . . TO INTRODUCE THE *World's Finest* **DRY SUIT**



**A Crazy 60-Day Introductory Offer —  
2 Complete Suits for the Price of One!**

**NOT SO CRAZY OFFER!** We want you to try the Skooba-Skin Suit. Once you find out what a wonderful suit it is—you'll tell your friends about it. That's why we make this money-saving, 2 for 1 offer to you.

**2** SUITS FOR **\$34.95**  
One for you—  
one for a pal

**ST-R-E-T-C-H-E-S on Easily — No Talc Needed**

**EASY ON**—easy off—without help. Skooba-Skin anti grab rubber lets you pull on suit like a sweater. No need for messy powder. Made of pure gum rubber. Light weight, Stretchy! allows plenty of freedom of action. Amazingly tough too. Resists snags, rips. Pressure tested at 200 ft. Guaranteed leakproof.

**100% DRY . . . NO SEAMS TO LEAK**

Think of it . . . absolutely no seams anywhere on suit. No paste or cement used. Each Skooba-Skin Suit consists of: **SEAMLESS HOOD** which seals at face and neck. **SEAMLESS LONG SHIRT** with new "Turtle-Lock" seal at neck. **SEAMLESS LONG PANTS** (with feet) which rolls together with shirt at waist to make a watertight seal. Also included is a Speed Patch Kit for quick, on-the-spot repairs in case of accidental damage.



**"WORLD'S FINEST DRY SUIT"** says Ernie Ryckman, Commercial Diver of Key West, Florida. "The Skooba-Skin's tough, seamless rubber makes it the ideal suit for rough salvage work . . . or for pleasure diving. The only suit for diving at greater depths and in coldest water. I couldn't work for hours underwater without Skooba-Skin. And there's nothing else like it on the market."

**WHY FOOL AROUND** with patchwork, cement and rubber sheeting? Here's the complete "professional" suit you've always wanted . . . ready to dive . . . and at a price that defies even the do-it-yourself kits.

**NOW!** Dive with warmth and comfort at any depth . . . in any weather. Your Skooba-Skin suit can be used with any SCUBA unit, face mask or snorkel. Sizes for every physique . . . men or women.

**100% FACTORY GUARANTEED!**

If your Skooba-Skin Suit is not everything we say—you may return within 10 days for refund of purchase price.

**GET TWO SUITS AT THIS INTRODUCTORY PRICE HURRY!** After June 15, 1958, Skooba-Skin Suits will be available only from authorized dealers at regular price.

**Made by the Makers of Famous**



World's Largest Selling Pure Gum Rubber Footwear

**SKIN DIVER—May 1958**

Regular price  
**\$34.95**  
ea.



**NO ORDER HONORED  
UNLESS ACCOMPANIED  
BY THIS COUPON**

## VALUABLE

### Money-Saving Coupon

**BUY ONE SUIT** from your local dealer. Pay him the regular price of \$34.95. Then, mail us this Coupon along with box label showing stock number, and sales slip from store. We'll then send you another suit no charge, postpaid.

**IF YOUR DEALER CAN'T SUPPLY YOU**, you may order direct from the factory. Enclose check or Money Order for \$34.95 and this Coupon. Be sure to state height, weight and shoe size for both suits. We'll send suits promptly and postpaid. Sorry, no C.O.D.'s.

So-Lo MARX RUBBER Company • Loveland, Ohio

This Offer  
Not Good  
After  
June 15  
1958

# SKIN DIVER MAGAZINE

LYNWOOD, CALIFORNIA, U. S. A.

*Devoted to the Underwater World*

Telephone LOrain 7-1367

Copyright 1958 by SKIN DIVER  
Entered as second-class matter at the post office at Lynwood, California

**JIM AUXIER**

EDITOR

**CHUCK BLAKESLEE**

ADVERTISING MANAGER

**CONNIE JOHNSON**

CIRCULATION

Closing Date for all copy is Forty (40) days prior to date of publication.

Subscribers wishing to make change of address must furnish both new and old address.

Advertising Rates are furnished upon request, please identify company and product with request for rates.

Club Reports are submitted bi-monthly by club publicity representative, one typewritten page, double spaced, approximately 100 words per report.

Printed by Griffin-Patterson Co., Inc.,  
Glendale, California.

Editorial offices at 10364 State Street,  
Lynwood, California

SKIN DIVER is published each month for underwater enthusiasts to create a further interest in skin diving and underwater spearfishing; to aid and advance scientific research through underwater swimming methods; to encourage and promote all types of activities participated in and caused by underwater swimming enthusiasts and to provide an advertising medium for manufacturers, distributors and dealers of marine products. All manuscripts, photography and materials are submitted free and released for publication, becoming the property of Skin Diver, unless previous copyrights exist. Authors and photographers should clearly mark all material submitted for publication so that credit may be given. The publishers do not necessarily agree with, nor stand responsible for, opinions expressed or implied by others than themselves.

Subscription Rates: \$3 One Year; \$5 Two Years;  
\$10 Five Years.  
\$4 One Year, outside U.S. Postal Zones.

## FOREIGN SUBSCRIPTION REPRESENTATIVES

Peter F. Hobson  
344 Topsham Road, Countess Wear  
Exeter, England  
One Yr. Sub Rate: 28/6d

American & Overseas Publications  
P.O. Box 3025  
Port Elizabeth, South Africa  
One Yr. Sub. Rate: \$1.8.9

Libreria Ledi, S.A.  
Via Cusani 13, Milano, Italy  
One Yr. Sub. Rate: 2800 Lire

Clifford Spencer  
1639 Kapiolani Blvd.  
Honolulu 14, Hawaii  
U.S. Rates

Emilia Samassa Mayer  
Ave. Franklin Roosevelt 126  
Sales 308 e 309  
Rio de Janeiro, Brazil  
Fone 22-0108

Grahame Book Co., Pty. Ltd.  
39 Martin Place  
Sydney N.S.W. Australia  
One Yr. Sub. Rate 37/6

## may contents

LETTERS.....	6-7
NATIONAL UW SPEARFISHING CHAMPIONSHIPS.....	14
HOW TEXAS PASSED A LAW.....	16
SUCCESS CLUB.....	18
COUNCIL OF UW ARCHAEOLOGY.....	20
SPUTNIKS vs. AQUATICS.....	22
UNDERWATER CLUB ROSTER.....	23
NEWSCURRENT.....	30
DRIFTWOOD.....	32
UNDER THE ICE FOR DEPTH.....	35
GIVE THE KIDS A CHANCE.....	36
HAWAII UNDERWATER VACATION.....	37
BOSTON HOSTS CAPT. COUSTEAU.....	38
ALL ABOARD.....	39
WE'D DO IT AGAIN!.....	40
SCIENCE FOR DIVERS.....	54
CLUB REPORTS.....	6-66
COMPRESSED AIR STATIONS.....	64
DIVERS' BULLETIN BOARD.....	66
UNDERWATER BOOK SHELF.....	67

## events dates places

At a recent conference on shark countermeasures several scientific gentlemen decided that they needed much more actual data on shark incidents before proper developments of techniques and equipment for repelling sharks can be undertaken. They are requesting that water people all over the world, and especially skin divers, report factual incidents about sharks to them. Write to Dr. Carl Hubbs, Scripps Institution of Oceanography, La Jolla, Calif.

Bill Barada and his color film "Octopus", which was shown on the television program "Bold Journey", are available for showing to interested groups. This film is about the largest octopus in the world and the film is the story of Puget Sound skin divers and their method of wrestling octopus in hand to tentacle combat underwater. Write or call Bill at 2306 Amherst, Los Angeles 64, Calif. Fone GR. 9-2540.

The Vancouver Sub-Aquatic Club will hold a Centennial spearfishing meet on May 4th. Complete details are not available at this time, however all clubs in Oregon, Washington and Canada will be notified by mail.

At a meeting of the East Coast Spearfishing Committee, held in Norwalk, Conn., March 29th, it was decided to let the Connecticut Council run the East Coast A.A.U. Championships in July. Watch for further information on time, date, and eligibility.

Long Beach Neptunes Annual Sea Food Dinner will be held on May 17, 6:30 p.m., at the Los Altos United Church, 5550 Atherton Street, Long Beach, California. Door prizes, entertainment and the best of sea food for a donation of \$2.50. Call HEMlock 7-4447 or GARfield 3-3939 (Long Beach) for information and reservations.

New Florida Women's Chairman—Miss Kay Stephenson, 632 South Olive Street, West Palm Beach, Florida, was appointed as Florida Chairman of the Women's Underwater Spearfishing Committee on April 1. Girls planning on entering the Women's Invitational or Florida Eliminations should contact Kay immediately for time, dates, etc.

Skin Diver Magazine has worked long and hard at the task of compiling a complete list of underwater organizations for the Roster published in this issue. We realize that many of the currently active clubs are not listed, however not through any fault of ours. If you have a complaint, give it to your club secretary or correspondent.

## cover

Here it is at last! the cover of SKIN DIVER beautifully decorated with emblems from clubs from all over the nation. If you will remember, we started collecting material for this cover early in 1957 and have just now received enough to complete the cover. At an appropriate time of the year, too, on the same issue as the list of clubs. Full color photography of the emblems was made by Tom Kelly of Hollywood, California.





**Historic Goggles**—A pair of goggles that once belonged to the old master of skin diving Guy Gilpatric, author of "The Compleat Goggler," are shown being tried on by Everett Bennie of Madison, New Jersey, who recently acquired them.



**Point Mugu (Calif.) white sea bass** taken by O. H. Billman. The fish measured 4½ feet and was speared at 30 feet. Very few whites have been seen in this area.

#### LATE ENTRY CLUB ROSTER

The following clubs and organizations were received too late to be included in the master roster of skin diving clubs around the world.

##### Junior Diablo Skin Divers

c/o Bill Fernandez  
410 Hixon Road  
Concord, California

##### New Haven YMCA Tritons

c/o New Haven YMCA

42 Howe Street

New Haven, Connecticut

##### Sarasota Sand Sharks

1157 41st Street

Sarasota, Florida

##### Norwegian Amateur Diving Union

J. T. Thomassen

Tollbugt, 4,

Oslo, Norway

##### Lung Rangers, Inc.

North Side Branch YMCA

3100 No. Grand Blvd.

St. Louis, Mo.

##### Delaware Underwater Swim Club

c/o Philip Ferrara

117 Mathes Avenue

Wilmington 4, Delaware

## Choose a Northhill Air-Lung!



*Quality craftsmanship insures  
a durable product*

**W**hat should you look for when you buy a SCUBA? What features will mean trouble-free performance and long life?

Here are some tips: Make sure the regulator valve is machined from solid brass...that it has a *built-in* depth-compensated reserve valve. Be certain that the hose is salt water-resistant, sun-resistant neoprene. Look for the easiest breathing SCUBA you can buy—one designed so simply that you can clean and reassemble it completely in 10 minutes, using only a screwdriver.

The Northhill Air-Lung is the only SCUBA that gives you all these features. It is the choice of the experts. Shouldn't it be your choice, too? See your dealer for a demonstration.



## AIR CRUISERS DIVISION

BELMAR, NEW JERSEY

# WHAT'S NEW?

**WATER SKIS**—You'll find a complete selection of quality skis in the new Voit line.

Inboard, Outboard and Slalom Models  
Conventional, Continental and Banana Shapes  
Select Mahogany and Highland Maple,  
Marine Laminated and Aqua-Glass Materials  
Exclusive new Fittings and Molded  
Toe and Heel Pieces

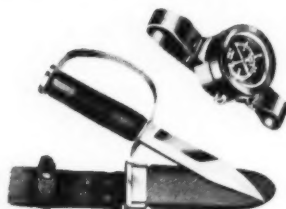
Backing this line is the most straightforward guarantee in the business. **Voit will replace any damaged ski, whatever the cause, for \$5 plus shipping charges!**

**That's news!**



**TRIDENT  
GUN**

Your best bet  
in dense sea growth,  
rocks or coral.  
Triple-barbed. 20" barrel.



**DIVING ACCESSORIES** — For  
greater safety and enjoyment —  
depth gauges, knives, weight belt  
and waterproof cases.



**BASIC DIVING GEAR**

Built for the expert  
in a wide range of  
prices, sizes and designs.

Better see your Voit dealer.  
He has some terrific new items  
guaranteed to interest you and  
every other expert diver. Then,  
too, he carries the traditional  
favorites that have made Voit the  
leading name in swim equipment.  
There's much more to tell, so  
be sure to see your Voit dealer  
and find out what's new!

America's Finest Swim Equipment By  
NEW YORK 11 • CHICAGO 11 • LOS ANGELES 11

**VOIT**

## LETTERS

... I saw the letter in the March issue of S.D. about people under 21 joining clubs. There was a small club here that didn't do very good because most of the members didn't have much time to get off from work, that is to get a good trip to Florida on the Atlantic coast. So I am going to try to start a club. A friend of mine and I are going to start this club among teenagers here.

Every member of the club would have their vacations at the same time. Therefore we could easily take these trips. The diving isn't very good around here so our best diving could be done on trips like this. So I would appreciate a letter from anyone who could give me some advice on starting a club like this and also remarks about what they would think about a club for teenagers. I have been diving for about nine years and believe I could teach new comers with (maybe if I can get one of the adults to help me) some help from one of the adult divers here. Some of the boys here seem to be interested.

Cam McCoy  
768 Greeley Drive  
Nashville 9, Tennessee

... Am interested in organizing a diver's club in this locality. This presents many problems in that I have been unable to contact anyone experienced in "Lung" diving, including myself. However, have been diving since 1945, having learned considerable from Japanese divers without the use of breathing apparatus.

It is hoped this will find its way into your letter column with the object of receiving advice regarding "Lung" diving, pointers and assistance in organizing a club and any other pertinent information other groups are willing to pass along. All letters will be answered promptly and in detail, and will certainly be appreciated.

Paul Bowman  
Chas. Martin & Company  
c/o Mene Grande Oil Company  
Punto Fijo, Estado Falcon  
Venezuela

... Dear Captain Cousteau: We, the members of the Board of Directors of the Illinois Council of Skin and Scuba Divers, in behalf of our entire membership, would like to take this opportunity to thank you for your appearance at our recent banquet here in Chicago. Your three films were exceptionally interesting, and your narration of them held the interest of everyone present.

For just a little while, you transported the divers of Illinois to some of the far-off places of the world that most of us have just heard about. Your opening remarks concerning your past, present, and future activities has given us a new concept of the possibilities of our chosen sport, and for all this, we send our thanks.

You have always enjoyed the reputation of being the number one man of diving here in the middle west, as well as the rest of the world; however your appearance here has shown us what a warm and friendly person you are, and you have certainly proven and enhanced your position in the minds of everyone who was in attendance. We hope your schedule will allow you to be our honored speaker at our second annual banquet, sometime in February, 1959.

With our warmest personal regards to Mrs. Cousteau and yourself, we are

Respectfully,  
Illinois Council of  
Skin and Scuba Divers, Inc.

**SKIN DIVER—May 1958**

LOC  
GET

In  
water swi  
pedition  
Monster.

It is ho  
ticipate—  
limiting f  
some p  
swimmers  
found in  
mystery

Clubs  
Sub Aqu  
search G  
British S  
Aqua Cl  
search G  
The L  
is famili  
hundreds

Aqu

Enth  
ganizati  
ing a g  
Films,  
Hollyw  
films in  
pers an

Film  
"Learn  
"Back  
"Swim  
vanced  
damen  
\$5; "Se  
es", \$2  
(Boar  
\$2 and  
\$3.

BLUD  
N

Blud  
electro  
with i  
establi  
in Ph  
sales a  
is loca  
tional  
Street  
ager,  
Bludw  
branch  
H. L  
charg  
as ser

Blu  
marin  
finder  
under  
water  
Marin  
pany,  
sion

SKIN

## LOCH NESS MONSTER TO GET SCUBA TREATMENT

... In the middle of June Scottish underwater swimmers are arranging a weekend expedition to search for the famed Loch Ness Monster.

It is hoped that at least 30 divers will participate—all being experienced divers. The limiting factor is the depth of the Loch—in some parts over 700 feet deep, but Scottish swimmers are hoping that some trace will be found in the Loch of the World's most famed mystery monster.

Clubs represented will be: The Dundee Sub Aqua Club the Dundee Undersea Research Group, the Edinburgh branch of the British Sub Aqua Club, the Scottish Sub Aqua Club and the Scottish Underwater Research Group.

The Loch Ness Monster—or "Nessie" as it is familiarly called, has been seen many of hundreds of times in the last 50 years."

Roger Bruce  
Scotland

## Aquatic films for rent

Enthusiastic underwater clubs and organizations will be interested in viewing a group of films gathered by Bailey Films, Inc., 6509 DeLongpre Avenue, Hollywood 28, California. Many of the films in this group are helpful to beginners and neophytes in the diving game.

Film titles and the rental prices are: "Learning to Swim", "Crawl", \$3; "Back Stroke", \$3; "Breast Stroke", \$3; "Swimming for Beginners", \$2; "Advanced Swimming", \$2; "Diving Fundamental", (Board) \$2; "Muscle Beach", \$5; "Sea Hunt", \$6; "Spills and Splashes", \$2; "Swimming and Diving Aces" (Board) \$2; "Underwater Champions", \$2 and "Underwater Spearfishing", \$3.

## BLUDWORTH MARINE OPENS NEW SALES OFFICES IN PHILADELPHIA AND SEATTLE

Bludworth Marine, manufacturers of electronic navigation equipment, in line with its current expansion program, has established new sales and service offices in Philadelphia and Seattle. The new sales and service center in Philadelphia is located in the branch office of National Theatre Supply at 1225 Vine Street, with W. J. Hutchins, sales manager, in charge. In Seattle, the new Bludworth Marine sales and service branch is at 2319 Second Avenue, with H. L. Plunkett, sales manager, in charge. Westphal Electronics continues as service representative at that address.

Bludworth Marine products include marine radar, depth sounders, direction finders, radio telephones, power divers, underwater metal locators and underwater television cameras. Bludworth Marine is a division of Kearfott Company, Inc., a subsidiary of General Precision Equipment Corporation.

SKIN DIVER—May 1958

# WHAT'S NEW?



### UTILITY BOAT

Perfect for the diver and barrels of safe fun for the entire family. It's light, tough—easy to store and to use. Double gauge laminated blue vinyl with "Tube-In-Tube" safety design. 8' x 4 1/2' 15" deep. Complete with Life-Line, Sea Anchor and Inflato-Bag. Specially designed to accommodate Voigt Air Mat to give added buoyancy and rigidity. Diagram furnished for building and installing seat.



### TRIDENT GUN

Your best bet in dense sea growth, rocks or coral. Triple-barbed. 20" barrel.



**EXPLORER REGULATOR**—Built-in reserve. Combines with standard valve and single tank to give you safe, superb scuba for less than \$100.



### BASIC DIVING GEAR

Built for the expert in a wide range of prices, sizes and designs.

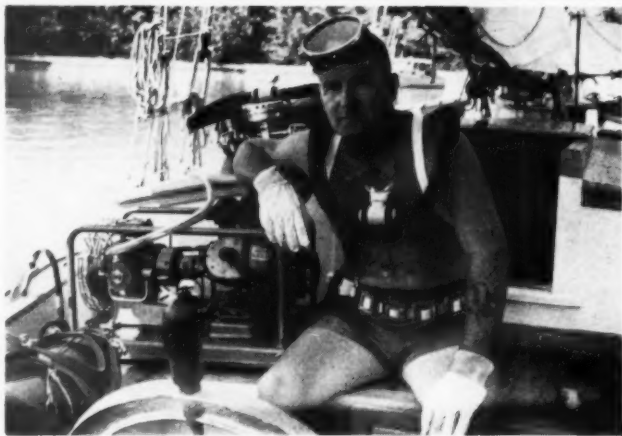
Better see your Voigt dealer.

He has some terrific new items guaranteed to interest you and every other expert diver. Then, too, he carries the traditional favorites that have made Voigt the leading name in swim equipment.

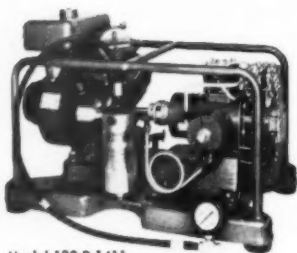
There's much more to tell, so be sure to see your Voigt dealer and find out what's new!

America's Finest Swim Equipment By  
NEW YORK 11 • CHICAGO 11 • LOS ANGELES 11

**VOIGT**



**Fred G. Whittier, world adventurer and skindiver says:**



Model 130-R-1411  
2 CFM — 3000 PSI

"The Cornelius compressor is a 'must' for any active skindiver. Here in the Bahamas, we would be severely restricted in our diving activities if it were not for our Cornelius compressor. Its dependable performance and ease of operation make it one of the most important pieces of equipment we have aboard our charter schooner LAZYJACK."

The Cornelius compressor is precision made and is serving amateur and professional divers throughout the world. See your dealer or write for free catalog.

**THE  
Cornelius  
COMPANY**

550 - 39th Avenue N.E., Minneapolis 21, Minn.

## Something NEW UNDERWATER

MORE THAN  
**100**  
UNUSUAL  
PHOTOGRAPHS

A collection of the most unique and exciting underwater photographs ever made taken from the files of FLORIDA'S SILVER SPRINGS where the unusual underwater is commonplace.



**GET YOUR COPY NOW!**

Send 50c and this coupon  
(75c outside U. S. A.)

Dept. JR  
Ray, Davidson & Ray  
Florida's Silver Springs  
Silver Springs, Florida

I am enclosing 50c for which please send me prepaid a copy of "UNDERWATER MONKEY BUSINESS."

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_

Rules for a Great Game . . .

## UNDERWATER HOCKEY

The equipment for this game is as follows: Face mask (snorkel, weights one 1 lb. lead shaped puck (a weight from your weight belt will do), soft rubber boots if desired, leg band for identification, lots of guts, and No FINS.

Each team consists of five men, three of which are actively engaged in the game; the other two are substitutes. A substitution may be made at any time during the game by withdrawing one active player from the water at the entry point, then having a substitute enter in his place.

The teams line up at opposite sides of the deep end of the pool facing each other. The puck is centered in the middle of the playing field and the gory ordeal is about to begin.

Upon the starting signal both sides start for the puck and attempt to propel it across their opponent's goal line (which may be a tar line or the side of the pool their opponents start from.) This is the only way to score and is worth one point.

The puck may only be propelled by a contestant's foot; no other part of his body may be used. In blocking the puck or an opponent's attempt at the puck, you may use any part of your body except your hands and arms, which in no case, except for propulsion, are used in the game.

The pulling off of masks or holding an opponent with the hands or arms is strictly illegal as is entangling an opponent with your legs.

After a goal is scored the teams are given 1½ minutes before the next point is started. A non-contestant shall center the puck at this time.

A game shall last 30 minutes inclusive of the 1½ minutes between points and a 3-minute half-time break. Each team may call a 1 minute time out in each half. This minute is added to the 1½ minutes between points. Each time out extends the 30 minute game a minute longer.

There shall be two officials. An underwater referee to detect infractions of the rules and an official who shall keep the time, verify time out, substitutions, and perform all acts deemed necessary for the good of the sport. These officials should be agreed upon by the team captains before the game.

No penalties have been formed yet as very few fouls have been committed among Illinois clubs. However penalties shall be drawn up soon for inter-state competitions, which I am sure are not far off.—ROBERT HILL.



# DACOR DIVING LUNG

**NEW PRICES  
\$25<sup>00</sup> LOWER**

**APPROVED  
BY THE  
U.S. NAVY**

This remarkable reduction applies on both standard and reserve valve lungs. Now you can enjoy the pride of ownership of a DACOR at the lowest prices ever offered on a Navy approved lung—The Big Swing Is To Dacor—The Greatest Value of All.

**ONLY DACOR PROVIDES:** Double Diaphragm, Two Stage Regulator with Double Safety and Greater Performance for the Diver—

## OTHER DACOR FEATURES:

- Two Stage Regulator reduces air pressure twice, assuring uniform breathing regardless of tank pressure.
- The Diaphragm which operates the air demand valve is not exposed to the water surrounding it. Therefore it is not subjected to any movement except that caused by the normal breathing cycle.
- If either one of the diaphragms should become damaged or inoperative, the regulator will continue to function efficiently, assuring double safety to the user.
- Famous Dacor mouthpiece with original off-set design completely eliminates interference with face mask and is odorless—tasteless.
- Metal parts are brass and stainless steel.
- New Neoprene "collapse proof" hoses—Ozone, sun and salt water resistant.

**FOR SAFETY, QUALITY, PERFORMANCE, FEATURES, RUGGEDNESS, DEPENDABILITY, ECONOMY OF OPERATION, AND PRICE, THE DACOR LUNG HAS NO EQUAL.**

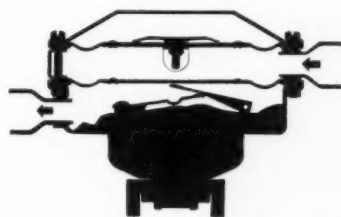
Dacor Lungs are used by various departments of City, County, State and Federal Government.



## NEW DACOR RESERVE VALVE

Sensational and exclusive design, for simplicity, accuracy, dependability and service free operation—Pull-Rod type.

**RETAIL PRICE . . . \$1795**



Double Diaphragm—Double Protection

## NEW PRICES

**REGULATOR COMPLETE \$6750**

**COMPLETE LUNG \$12450**  
with standard valve

**COMPLETE LUNG \$13950**  
with reserve valve

**DACOR CORPORATION**  
P. O. BOX 551 EVANSTON, ILL.

# PRO Model 57 'WORLD'S FINEST!'

U. S. Pat. Pending



**Proven 3 Years Around the Globe  
Greatest Skin Diving "Lung" Value  
By Every Comparison!**

Latest Scientific Data Proves PRO Superiority. PRO "Pressure-Equalizer" Mouthpiece Outperforms Them All Under All Conditions, At All Depths—Safer, Easier Breathing, More Durable, Lower Cost. PRO exclusive design sets standard for the industry! Others follow! Old-type scubas obsolete! Diver trainers, registered master divers, sportsman divers—those who depend on scubas every day—are endorsing PRO as world's finest! The reasons: PRO "Pressure-Equalizer" Mouthpiece, non-flooding design, tough single hose and swivel fitting, 100% corrosion-proof materials, low cost, and many more. Complete (as shown) \$79.95. Mouthpiece-demand regulator "2nd stage," hose, cylinder pressure reducer "1st stage," only \$34.95. Get the facts before you "plunge." New Bulletin shows features not offered by many of the more expensive outfits. Write Rose Aviation, Inc., Dept. 107, Aurora, Ohio, or see your dealer.

ROSE AVIATION, INC.  
Box 107, Aurora, Ohio  
Send FREE complete details on PRO.

NAME \_\_\_\_\_

STREET \_\_\_\_\_

CITY \_\_\_\_\_

STATE \_\_\_\_\_

## GIRLS, GIRLS, GIRLS! !

### INTERNAT'L CONVENTION OF WOMEN SKIN DIVERS

Each of the A.A.U. Associations within the United States are hereby invited by the Grand Bahama Club, Ltd., to send one team to the U.S.A. Women's Open Invitational Spearfishing Competition, sanctioned by the A.A.U., to be held at West End, Grand Bahama Island, Grand Bahamas, on August 16, 1958.

Two girls make a team, the minimum age limit is 16 years, and to make sure that the competition will be a resounding success the Grand Bahama Club is donating trophies to the winners and contestants as well as offering free room and meals to the first four teams registering for four full days, August 13 through the 17th.

Teams are expected from several of the Associations with potential winners coming from the Northeast, Florida, West Coast, New York and Gulf areas.

If there is more than one team in your Association it will be necessary to have eliminations to pick a representative team for the Invitational. Be sure to secure your A.A.U. travel permits.

For eligibility requirements, registration, and further information write to: Kate Miller, National Chairman, Women's Competitive Skin Diving Committee, 3001 Stanford Avenue, Venice, California.

This is a good chance for the girl divers in the family to travel along with their husbands to the National Championships to be held on August 17 in the same area. And too, girl skin divers in Washington, Oregon and California Associations can take advantage of the Greyhound National Special that leaves from Los Angeles for the Nationals, economy price for the Special is \$100.99.

### TEXAS SPEARFISHING CONTEST

The Inland Divers Association Board of Directors have resolved to sponsor the first Texas Spearfishing Contest to be held June 8 in conjunction with a meeting on June 7 of southwest clubs to form the Southwest Council of Divers. The meeting and contest will be held at Possum Kingdom Lake near Mineral Wells Texas. Headquarters will be Scenic Lodge Point Camp. A large lodge has been readied for the Association meeting on Saturday at 10 a.m. The lodge will also be used as headquarters for the contest. Compressed air, boats, cabins, food and camping facilities are available. All clubs and divers are invited: for more information call Hal Lattimore or Bert Smith at EDison 5-1261, Ft. Worth, Texas.

### PACIFIC COAST WOMEN'S CHAMPIONSHIPS

Women's Pacific Coast Underwater Spearfishing Championships will be held on Sunday, July 27, 1958, in Laguna Beach, Calif. Trophies and medallions will be awarded the winners. Also the winning team's names will be inscribed on the perpetual Pacific Coast trophy which graces Helms Athletic Hall.

A team from the S.P.A.A.U. with the heaviest total aggregate weight will represent this area in the Open U.S.A. Women's Invitational at the Grand Bahama Islands on August 16, 1958.

The minimum age is 16 years. For further information contact Kate Miller, Chairman of the Women's Underwater Spearfishing Committee, 3001 Stanford Ave., Venice, Calif.

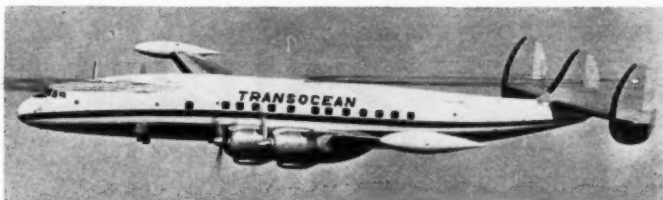
### A FEW NOTES ON WEST END

By EUGENE D. VEZZANI

The Island is a fisherman's paradise, abounding in every species of warm water fish and having an overabundance of enormous grouper, barracuda and snapper. The geological formations surrounding the island are unique for that part of the country in that the formations consist of enormous gray rocky ledges, caves and valleys which shelter this over-abundant and unnatural quantity of fish life. The water depths run from shallow to eighty feet around the Island with visibility a clear seventy-five to one hundred feet. Sponges, coral and shells in every variety are in evidence. The area even for the experienced spearfisherman is virgin in every respect. A true fisherman's paradise.

The Grand Bahama Club, housing three hundred to five hundred guests, has every modern facility. Almost every sport can be had. The food is par excellent and the service is superb. Buzz Campbell, who is the resident skin diving instructor there, also maintains a retail diving equipment shop, having available flippers to cameras. A modern air-compressor is also available. A small fleet of fourteen fast boats especially designed for skin diving are available. Experienced native guides can take you to the best spots or you can go in from the beach. Dancing and entertainment during the evening is to be had as well as baby-sitters for the married people who can't leave the children at home.

You can reach this island by twenty-eight minutes in the air by Mackey Airlines from West Palm Beach, Florida, at a round trip cost of only \$15.50 per person. Room, board and many extras run approximately \$11.00 per day, modified American Plan, per person.



*You are invited . . .*

## OFFICIAL NATIONAL SKIN DIVER TOUR

*Personally conducted underwater activities by TOOKIE EVANS  
of Hawaiian skin diving fame!!*

**EIGHT GLORIOUS DAYS OF  
RELAXATION AND FUN IN HAWAII!**

**SEPTEMBER 5 THRU 13, 1958**

**Departing: Lockheed Air Terminal  
Los Angeles (Burbank), California**

Enjoy Hawaii and its exotic under-  
water paradise . . . dive and fish  
at selected sites on the Kona Coast  
of the Island of Hawaii, one of the  
world's finest diving spots . . . par-  
ticipate in daily planned vacation  
activities, pre-arranged and con-  
ducted by a tour escort . . . all in  
the extravagant tropical beauty of  
America's Pacific paradise. Reser-  
vations are limited, so hurry!

**Only Super H Constellation  
service to Hawaii!!**

**FLY IN PRESSURIZED AND  
AIR-CONDITIONED COMFORT . . .**

"Royal Hawaiian" service includes delicious  
hot meals served in flight by charming stew-  
ardesses, in reserved deep-cushioned reclin-  
ing lounge chairs, with snack service avail-  
able at any time.

**TRANSOCEAN  
AIR LINES**

*America's Foremost Supplemental Air Carrier*

Please see Page 37  
for further details



ONLY  
**\$328\***<sup>22</sup>  
INCLUDING TAX

### INCLUDES ALL THIS:

- Round trip air transportation to Honolulu
- Round trip air transportation from Hono-  
lulu to Kona, Island of Hawaii via  
HAWAIIAN AIRLINES
- Five nights at the brand new Hotel Kona  
Hukilau in Kona
- Two nights at the splendid Waikiki Surf  
Hotel in Honolulu
- Six hour scenic excursion tour
- Luncheon at the world-famous Waioli  
Tea Room
- Authentic Hawaiian Luau feast
- Outrigger canoe rides
- Dale Pineapple Cannery tour
- Generous 55-lb. baggage allowance
- All Limousine transfers
- Special "Aloha" dinner

(Boats available on cooperative basis for  
those who desire very deep waters)

\*OPTIONAL: Three extra days in Hollywood,  
two nights at famous HOLLYWOOD INN  
HOTEL, complete tour of Hollywood and  
Disneyland—only \$23.50.

†Double occupancy in hotels.

MAIL THIS COUPON TODAY

### Official National Skin Diver Tour

**Transocean Air Lines**

**608 So. Hill Street**

**Los Angeles 14, Calif. Phone TR. 9621**

- ☐ Please send free folder giving detailed informa-  
tion on Tour.
- ☐ I also desire your Hollywood tour described above  
for ☐ Sept. 3-5; ☐ Sept. 13-15.
- ☐ Enclosed please find \$....., representing  
deposits for ..... persons, at \$50 each.  
(Refundable if you are unable to go. Balance due  
by August 5.)

Name.....

Address.....

City & State..... Phone.....

You don't know what you're missing...

**ORDER NOW!**



THE COMPLEAT GOGGLER was written by internationally famous author Guy Gilpatric in the earliest days of skin diving. His humorous exploits in the Mediterranean with primitive diving equipment will hold you fascinated from cover to cover. If you don't have a copy, get it now . . . you will treasure it forever!

SKIN DIVER  
LYNWOOD, CALIF.

Please send me a copy of Guy Gilpatric's great book "The Compleat Goggler". Enclosed is my \$5.00.

We suggest: Check ☐ or Money Order ☐

NAME.....

ADDRESS.....

CITY & STATE.....

FIRS

SECO

THIR

SEVE

U  
Skin D  
UW P  
P. O.  
Lynwo

Gentle  
glossy  
Magazi  
automa  
photog  
(Please  
Name  
Address  
City  
Photog  
Camera  
Speed  
Flash  
Visibili

Subject

Model

SKIN D



# GIANT UW PHOTO CONTEST

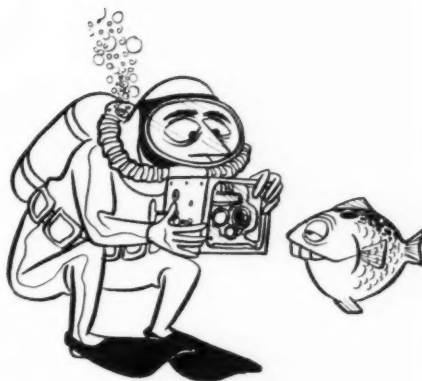
Conducted by SKIN DIVER Magazine  
for the months of April, May & June 1958

**FIRST PRIZE**—TWO (2) TRIPS TO ROMANTIC LA PAZ, B.C., MEXICO VIA TRANS MAR DE CORTEZ AIRLINES PLUS \$150 CASH FOR EXPENSES.

**SECOND PRIZE**—Popular Brand Single Tank UW Breathing Apparatus of your choice.

**THIRD PRIZE**—Lifetime Subscription to SKIN DIVER Magazine (\$50 Value).

**SEVEN HONORABLE MENTIONS**—Each to receive a copy of THE COMPLEAT GOGGLER, By Guy Gilpatric



## CONTEST RULES

1. All entries to be received at SKIN DIVER office on or before JUNE 20, 1958.
2. Winning underwater black and white photograph will be used on the August, 1958 cover of SKIN DIVER Magazine.
3. All winners will be notified and prizes awarded on July 1, 1958.
4. First prize trip to the fabulous La Paz, B.C., Mexico fishing resort via Trans Mar de Cortez from Juarez or Tijuana must be used before July 1, 1959 (within 1 year).
5. Each entry of a black and white underwater photograph must be made with the OFFICIAL CONTEST BLANK.
6. Contestants may enter as many photographs as they wish.
7. Photographs to be judged are to be: 8 x 10 inches, black and white, glossy finish and taken underwater.
8. All entries in the contest automatically become the property of SKIN DIVER Magazine. Photographs with previous copyrights will not be considered.
9. All photographers are welcome to enter. There will be no distinction between amateur and professional underwater photographers or the camera equipment used for the photographs.

## UW PHOTO CONTEST

## OFFICIAL CONTEST BLANK

Skin Diver Magazine  
UW Photo Contest  
P. O. Box 128  
Lynwood, California

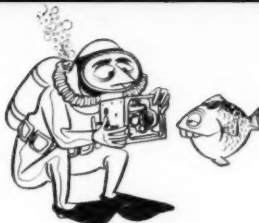
Gentlemen: I submit the enclosed black and white, 8 x 10 inch, glossy underwater photograph to be judged in the SKIN DIVER Magazine UW Photo Contest. I understand that this photograph automatically becomes the property of SKIN DIVER Magazine. This photograph is not copyrighted.

(Please print:)

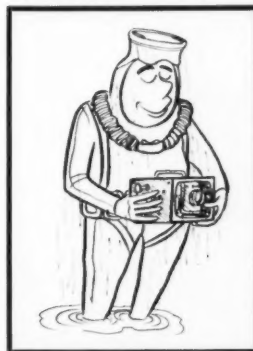
Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_  
Photographer's Signature \_\_\_\_\_  
Camera Make \_\_\_\_\_ Housing \_\_\_\_\_ Film Used \_\_\_\_\_  
Speed \_\_\_\_\_ Aperature \_\_\_\_\_ Depth \_\_\_\_\_  
Flash (yes, no) Bulb size \_\_\_\_\_ Location \_\_\_\_\_  
Visibility \_\_\_\_\_ Special developing process (if any) \_\_\_\_\_

Subject description: \_\_\_\_\_

Model(s) Release: if necessary \_\_\_\_\_



This contest blank must be filled in completely and attached to the photograph with a clip.



Paste snap shot of photographer with diving equipment and camera used above, or attach securely to Contest Blank.

## GRAND BAHAMA CUP

Open Invitational Skin Diving Meet

August 17, 1958

Sponsored by Grand Bahama Club, Ltd.  
By RALPH N. DAVIS

The Grand Bahama Club and the Competitive Skin Diving Committee of the Amateur Athletic Union of the United States, cordially invites your country to be represented at an International Open Underwater Spearfishing Meet in the Bahama Islands on August 17, 1958.

The Grand Bahama Cup (Perpetual Trophy) will be awarded for the first time this year with accompanying permanent awards and medals to the contestants.

Each country is invited to send a (3) three man team plus a captain.

The Grand Bahama Club, sponsor of the event, will furnish room and board, expense free, for four days to the international teams from Italy, France, Yugoslavia, and Canada, for a maximum of four persons per country.

The Grand Bahama Cup Meet will be run concurrently with the 9th annual United States Underwater Spearfishing Championship.

Representing the United States is the Long Beach Neptunes Club Team, winning 1956 and 1957 U. S. Champions and fourth place team at the 1957 European Underwater Spearfishing Championships.

This is again an opportunity for the European countries to show their ability in American waters similar to those of the Mediterranean. At the fourth annual European Underwater Spearfishing Championships in Yugoslavia in 1957, Italy was first, Yugoslavia second, France third and the United States fourth.

At the request of the Grand Bahama Club, Ltd., only Italy, France, Yugoslavia, Canada and the Championship teams representing Central and South America are invited to attend this event. The U.S. National Championships and the Open International Skin Diving meet will be held concurrently, but only in that the teams from the U.S.A., Europe, Central and South America will be fishing in the same general area and at the same time. The U.S.A. National Championships and the Open International Skin Diving Meet are distinctly separate events, except that the highest scoring team as between both events will be awarded the Grand Bahama Cup.

Grand Bahama Island, West End, is located 63 miles from West Palm Beach, Florida and may be reached by Trans World Airlines from Europe and Pan-American Airways from South and Central America.

Appointed by National A.A.U. Chairman, Serge Birn, to head this event is Eugene D. Vezzani, 66 Pryor St. N.E., Atlanta 3, Georgia.



### WEST COAST DIVERS BUS TO BAHAMAS FOR NATIONALS

Two large air-conditioned Greyhound busses will leave Los Angeles on Saturday, August 9, with an assorted load of passengers including contestants for the National Underwater Spearfishing Championships, other divers, families of divers, and interested divers for the largest and longest pleasure trip ever offered to the spearfishing clan. Complete arrangements have been made to charter two Greyhound busses for the round trip to the Bahamas which will find the passengers bussing from Los Angeles to West Palm Beach, Florida . . . then flying over 126 miles of Atlantic to the Grand Bahama Club, West End, Grand Bahama Island.

The entire cost of the round trip is the staggering economical price of \$100.99 . . . bus and plane fare, all wrapped up to total \$100.99! The Grand Bahama Club has been described as the Shangri-la of the Caribbean for divers, spearfishermen and their families. The Club and the region of West End has everything . . . baby sitters, clear warm water, millions of marine animals, shells, night clubs, Calypso music . . .

Please note that this special charter trip is not confined to contestants only. All divers wanting to join the group are welcome and invited, and at the same rates, \$100.99.

The bus leaves Saturday, August 9 and returns Sunday, August 24. Fifteen full days. The round trip agenda is three days by bus to West Palm Beach, the short flight over to the West End, nine days of fun and skin diving at the Grand Bahama Club, the brief flight back to West Palm Beach and then the return trip to Los Angeles, three days.

The Grand Bahama Club is a tropic-

Getting a sample of spearfishing in the West End are Dr. J. C. Wickman, Georgia A.A.U.; Jack Slack, Florida A.A.U.; Buzz Campbell, Grand Bahama Club; Gene Vezzani, National Vice Chairman A.A.U.; and George Krasle, Georgia A.A.U.

island resort colony just across the Gulf Stream from Florida's lower east coast. It offers every recreation and modern convenience you could wish, an intriguing foreign atmosphere, and that wonderful "get-away-from-it-all" feeling so refreshingly different from the hustle-bustle of everyday life. No passports are needed for U.S. citizens and prices in the colonies gift shops, where they feature imported goods and liquors, are far lower than for comparable buys on the mainland. You can bring back \$200 worth of duty-free goods.

Accommodations at the Grand Bahama Club have been arranged for all visitors to the National Championships as follows: \$11 per day for each person, double occupancy; \$10 per day for each person, triple occupancy; children under 12 years, \$7 per day or \$6 per day when sharing room with parents. All under the modified American plan.

The busses will be filled on a first come-first-served-basis, each bus will carry 39 people and they must be full charters. Place the full deposit of \$100.99 before July 18 to be sure that you are going to be one of the dive-happy crowd for the fifteen day tour. Make your reservations and deposit with

John Geiszler, SPAAAU  
9170 Priscella Street  
Downey, California  
Phone TO 1-7308

or

Kate Miller, Women's Committee  
3001 Stanford Avenue  
Venice, California  
Phone EX 8-3656

## National Underwater Spearfishing Championship

August 17, 1958, Sponsored by Grand Bahama Club, Ltd., under Sanction of the A.A.U., in Cooperation with the National Competitive Skin Diving Committee.

By RALPH N. DAVIS

Grand Bahama Island, located 63 miles east of West Palm Beach, Florida, is the unusual and highly desirable location for the '58 Nationals.

The Grand Bahama Club, located on the extreme West end and will be host to the seven champion teams from each Regional Division of the U. S. (Pacific Northwest, West Coast, Northeast Atlantic, Southeast Atlantic, Gulf Coast, Great Lakes, Central.)

A certain percentage of funds should be available to transport the Regional Champion Teams to the Nationals. For specific information contact Eugene Vezani, Chairman, 1958 National A.A.U. Underwater Spearfishing Championship, 66 Pryor St. N.E., Atlanta 3, Georgia.

According to information received, all seven of the eligible Regional Champion Teams will be transported free from the mainland of the U.S. to Grand Bahama Island in the British West Indies.

The big question is: will the Long Beach Neptunes do it again?

For two years these diligent trainers have won the National A.A.U. Championships on both coasts of the United States and shown a commanding edge at the majority of trials, eliminations, club, area, association and Regional meets.

Here is the comforting thought to the Southeastern or Florida teams that have competed at the Nationals. The Southeast will have their outstanding Regional Champion team competing in warm water without rubber suits for the first time in three years. They will also be competing in waters in which they are thoroughly familiar with the coral formations of the playing field and the species of fish.

This experience made a difference in 1954 when the famous Pinder brothers pinned back the ears of the defending National and Regional California teams.

In spite of the seeming dominance of California teams, the Pacific Coast has only won two of the last four National Championships.

Our report in next month's magazine will cover the coordination of the U.S. National Championship with the European Underwater Spearfishing Championship that is to be held in Portugal this year. ➤

## AAU Skin Divers!



### High Adventure . . .

**Special Low Rates Now Await You at the Grand Bahama Club Tournament Site for the 1958 AAU Skin-Diving Championship!**

For the first time in its history, the AAU is going out of the United States for a championship tournament! Picked for its outstanding location...the Grand Bahama Club at West End, Grand Bahama Island, is just 65 miles off Florida's southeast coast—and just 3 minutes away from coral reefs, flats, and deep seas that are teeming with game-fish and sea life of every description.

Modern accommodations, colorful, clear Bahamian waters and complete skin-diving facilities, including air compressor, make the Grand Bahama Club the first choice of the AAU. Make it your choice, too!

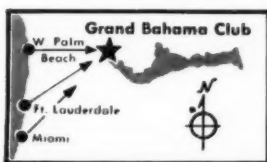
### Plan Now to Attend the AAU Meet!

- ★ See top American divers in action for tournament awards!
- ★ See the nation's first Women's Open Championship!
- ★ See the first Men's International Open Championship—European, Canadian, South American and American championship teams in competition for the perpetual Grand Bahama Cup!

### Plan Your Vacation Now at the Grand Bahama Club!

- ★ Dive where the champions dive!
- ★ Enter the Grand Bahama Club's Amateur Summer Open Tournament—limited to AAU members only. Endorsed by the AAU and conducted according to AAU rules, you can compete for special recognition and prizes!

*Special low rates available to AAU members—Modified American Plan*



**Low air fares from  
Miami  
Fort Lauderdale  
Palm Beach**

*Write today to Buzz Campbell, resident skin-diving instructor*


**THE GRAND BAHAMA CLUB**

U.S. RESERVATIONS OFFICE

117 N.E. 1st AVENUE • MIAMI 32, FLORIDA

or See Your Travel Agent

For better  
**Speed**  
and underwater  
**Diving**



Mares Caraibi fins, as illustrated, were used in establishing the world's free-diving depth record of 134.51 feet.

## Pennsylvania

### MARES SWIM FINS

Mares swim fins are designed for the discriminating skin diver—the one who won't accept anything but the best. Now is the time for you to get a pair of these record-setting fins—you'll be amazed at the difference!



Here are some of the features which make these fins so outstanding:

- Foot pocket is slipper-type for snug fit and complete protection.
- Blade has offset angulation for increased thrust.
- Foot pocket and blade are made of highest-quality rubber to give maximum performance.

Mares swim fins are exclusively distributed by:  
**THE GENERAL TIRE & RUBBER CO.**  
Pennsylvania Athletic Products Division  
Akron, Ohio

"Preferred for Performance"



Lone Star Divers get fish freedom! . . .

# HOW TEXAS PASSED A LAW

By BERT M. SMITH, JR.

Texas divers have been liberated—throughout the State, skin divers are enjoying the sport of spearfishing rough fish. We now have a respectable place among the sportsmen of a state that once had the door shut to skin divers.

It wasn't easy. A healthy understanding of skin divers and spearfishing was obtained only through hard work in public relations and skin diver education. But it is worth the trouble.

In Texas we have many large clear lakes with depths to 200 ft., rock cliff shore lines and plenty of carp, buffalo and gar. As diving progressed, clubs formed but spearfishing remained "off limits." The reasons were obscure and divers found ways and means to spearfish.

Game wardens knew divers were spearfishing—but Texas didn't have any scuba trained game wardens. Spearguns in 75 ft. of water are hard to find (sometimes even for the diver). At this rate, Texas would soon be like Florida—something had to be done.

Our club, "The Inland Divers Association, Inc." of Fort Worth, Texas, was the largest. We organized in 1952 and by 1956 boasted over 60 active divers. The Dallas Divers were becoming very active—our two clubs were sending 50 to 100 divers to Possum Kingdom Lake (our favorite) each weekend.

Game wardens were getting touchy—fishermen were becoming suspicious! Trouble was brewing—

Then came a break. A good friend was to be guest speaker to a Texas A&M Alumni Association luncheon. "Good Friend" became ill and sent me an S. O. S. to take his place. To this point, my Toastmaster training had only been good for meals. Now, I had to produce.

A good steak went cold and stiff before they finished club business. However, my trembling knees became rigid

when I felt the interest of the group. Skin diving is a fascinating subject. This was fun—

Next came invitations from other clubs—Boy Scout groups, Rotary Club, Kiwanis Club, Insurance Adjusters Association, and even the Jr. Woman's club.

Our club saw the "light." A well informed public was our best friend. We became "Publicity Hounds"—talks on skin diving were available anyplace—anytime. We took pictures, made sequences of our activity on color slides for demonstration.

We hit the jackpot. The Angler's Association invited us to give the program at their monthly meeting. This was a real chance—State Senators and Representatives were to be present.

The Angler's Club meeting hall was packed with several hundred fishermen.



Bert Smith sets his spear in anticipation of the fish waiting for him in Possum Kingdom Lake.

Many divers also attended. Interest was so intense that even old experienced divers were asking questions. The fishermen were on our side. Senator Doyle Willis stood up—congratulated us on our work—and said that he would introduce a spearfishing bill to the Texas Senate.

We celebrated—before the week was out, every diver had a speargun. But





Governor Price Daniel affixes his name to the Texas spearfishing bill as interested divers witness the signing. Standing (l-r) Gerald Henderson, Bert Smith, Ted Cromer, Jim Whisenand, Senator Doyle Willis and Larry McDermott. Missing from the scene, but important to the drawing of the bill and its passage is Hal Lattimore of the Inland Divers Association, Inc.

these guns had "rotten rubbers and cobwebs" before they were used.

Some camp owners, sporting goods dealers and others were not receptive to this sudden change.

We then reorganized our attack. Hal Lattimore, an Attorney, measured up to the legal task. Erwin Click, Dub Johnston, Larry McDermott, Gene Eichholtz, Bob Hill, Hal Lattimore, and other divers joined our Public Relations Team.

Gene Eichholtz taught swimming and life saving classes. Bob Hill, Hal Lattimore, and Eichholtz continued with Scuba classes. Anyone could sign-up. We were busy.

Hal Lattimore started the legal ball rolling. His first pass was a proposed outline on January 25, 1957 to Senator Doyle Willis.

We continued scuba classes. We included newspaper sports writers and photographers—they in turn wrote favorable stories on skin diving. We offered our services to the Commission. They have used divers in Lake Travis on research.

The Texas Game and Wildlife Commission was on our side. We were trying to keep skin diving honest and an asset to the community. The Commission backs good sportsmen. But still a law had to be passed.

Our Public Relations Team remained busy. Every week end that we went to the lake, we would check with camp operators, we would do such things as find lost anchors, or tie down boat houses. Often we would find some customer's rod and reel that fell off a fishing pier. They too became our friends.

#### A BILL TO BE ENTITLED S. B. No. 427—Willis

An ACT making it lawful to take rough fish by spear fishing methods, or with bow and arrow in the public fresh waters of Texas; defining rough fish; prohibiting possession of other fish when using such devices; and declaring an emergency.

#### BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

Section 1. It shall be lawful to take rough fish with a speargun and spear or bow and arrow in the public waters of the State of Texas at any time. Rough fish shall be defined as carp, buffalo, gasper gou, gar fish, and Rio Grande perch. A spear gun as used in this Act shall be defined as any type of device used for propelling a spear underwater as a means of taking fish.

Sec. 2. It shall be unlawful to have in possession any fish other than carp, buffalo, gasper gou, gar fish, and Rio Grande perch while using a spear gun or spear and bow and arrow for taking such fish.

Sec. 3. The fact that the overpopulation of rough fish in the public fresh waters of this State is detrimental, and the fact that the above methods will serve to reduce such overpopulation, and the fact that the calendars of both Houses are crowded at this date in the session, constitute an emergency and an imperative public necessity that the Constitutional Rule requiring bills to be read on three several days in each House be and the same is hereby suspended; and this Act shall take effect and be in force from and after its passage, and it is so enacted.

At 9:00 P. M. during our April 1957 club meeting, Senator Willis called. His long distance call from our State capital at Austin was the pay-off. We were requested to appear at Governor Price Daniel's office to witness the signing of Senate Bill 427, and to meet the Governor.

Texas spearfishing Bill 427 was passed as an emergency bill.

The Governor is a sportsman too. ➤



Get a  
better view . . .  
get a MARES mask



Here is the ultimate in professional swim masks! Distributed by Pennsylvania, the Mares mask is designed and manufactured in Italy by highly-skilled craftsmen. This mask embodies all the qualities demanded by expert skin divers for the most exacting underwater activities:

- Perfect seal under all conditions
- Built-in element for decompression helps equalize pressure at any depth
- Oval lens permits wide, clear vision
- Extra-wide fitted headband assures added safety

THE GENERAL TIRE & RUBBER COMPANY  
PENNSYLVANIA ATHLETIC PRODUCTS DIVISION  
AKRON, OHIO

"Preferred for Performance"



# One way to start an organization...

## SUCCESS CLUB

By RALPH CARLIN

We in the Miami Morays have noticed that each issue of the "Skin Diver" seems to carry at least one plea from an individual or group seeking guidance in forming a skin diving club.

Since there never seems to be anyone willing to give a concrete answer, we would like to pass on our experience to those who might use it. It may seem presumptuous of a club which has been in existence only a year to give advice; but, we believe our approach has been somewhat novel and warrants your serious consideration.

We think that we have found an ideal formula. Not one, we realize, workable in all cases, but there are points which apply in any part of the country.

We are convinced that all over the country there are men and boys who have the desire and willingness to work to accomplish their ends. There are those who have an extensive background in skin diving and are well informed about the technical aspects of the sport. Those who have the driving desire to perfect their knowledge and have realized that this can only be done through an organization of like-minded people.

But, those people have already organized clubs and don't need advice.

This article is addressed to the divers who find that, if there are any local clubs, the doors are closed to them either by restricted memberships, difficult tests, or other obstacles; but who know that without organization they will stay on the beach while the fun is out in the water.

If you fit this description, then this article is for you.

Perhaps we should give you some background on our club to show that we, not so long ago, were perhaps worse off than most aspiring club organizers who read this article.

For example, among the three organizers, Don McGee, Jerry Crider, and the writer, one had never skin dived before

in his life; two had never used Scuba gear; and all of us had a different idea of the purpose of a club.

Don McGee, who had experience with Scuba (one solo dive), wanted a club about as much as he wanted hives. But, Don, who will do anything twice if he has done it once and lived, was still feeling lonesome from having gone to fifty feet without having to keep his mind on the restriction of an under-supply of air.

Jerry Crider, an ex-paratrooper, was just looking for an interesting change from an accountant's job. If someone had come along with an airplane, an umbrella, and a way to fish on the way down, we would have lost him then and there. But, the chance to combine fishing and exercise at reasonable cost interested him.

As for myself, I was beginning to feel that what I had seen free diving was worth more time. But every year it was getting more difficult to cram less air into my lungs and, like Jerry, the race with the spare tire around the middle was beginning to be a losing one. Scuba diving looked over my financial head, and occasional free diving wasn't giving the thrill it had.

None of us particularly wanted to form a club, and least of all wanted to join an established group.

But, skin diving is by nature a group sport, and we realized that we needed some sort of organization to give our activities direction.

Our first step was to look for a "Guy with a boat."

Strangely, one of the most common complaints we hear from other clubs is the difficulty in finding suitable boats. We had three the first week.

In organizing a skin diving club never underestimate the value of the "Guy with the boat." You don't need a cabin cruiser, even an outboard will be satisfactory. Just be sure it is suitable for the type of diving you plan to do. Observe the rules of the Coast Guard, and

the manufacturers instructions. The majority of skin diving accidents in this area have been caused by improper use of boats.

So, remember this is a sport and not a form of suicide. The boat and the man who runs it is a good place to start.

We have been able to recruit good boats and skippers with very little trouble by offering the owner a fair return for value received and doing our part with the maintenance and cleaning up after trips.

Our experience indicates that in every part of the country there are guys with boats who are just not getting the enjoyment out of them that they should. When trying to recruit a boat—keep in mind that they are expensive to maintain even when not in use. And, they take a lot of hard work just to keep looking presentable.

Also, the average fellow who owns a large boat usually doesn't get to use it as much as he would like because they are even more expensive to run.

Therefore, if you can offer a clear understanding to your members that they are, in effect, hosts to the owner as far as expense and maintenance are concerned; and, that they are obligated to see that his day is as enjoyable as yours, you will never have a day sitting on the beach wishing for a boat.

Of course, you always chance running into a minor league "Captain Bleigh" (thank heaven, we have not). Our only suggestion is to keep in mind that it is his boat. Pay for the gas and any other expenses—then, forget it. There are too many sincere boating enthusiasts who will be happy for your company under the above proposition.

We pay the club a flat fee of \$3.00 for members, \$4.00 for diving quests, and \$1.00 for wives, per trip. The surplus goes into a special fund for upkeep and improvement of the boats. I think you can see the value of this. The reason for going into such detail on this one

point is that the major complaint we hear from owners who have taken guests, not only skin divers, but any guests, is the lack of consideration and tendency to take over everything but the work.

Remember, the owner has the responsibility of getting you there and back. Everything you do to make that job more carefree is insurance of a good trip. Take care of the "Guy with the boat."

With three boats, our next problem was to get enough people to fill them. Therefore, we started a membership drive which we believe is a model of simplicity.

We started asking among friends, neighbors, at work, and among people we met in the supply stores, and on the street—"Want to go skin diving next Sunday?"

Even those who answered "Hell, no" usually knew someone who did want to go, and were glad to tell them.

So, instead of the hostility which we had been told to expect, we have had nothing but cooperation from all the persons and organizations we have contacted.

If you think this method of recruiting is hap-hazard and risky, consider this. We have members who have put in, since they joined our club, over 30 hours under ocean water and have never had an accident, large or small. At least one boat goes every week, full to the limit, and we have never come back without fish.

Furthermore, we have never had to form a committee and never had an argument about what happened to the dues money. You will have to admit that last one is quite an accomplishment.

Our members now range from 14 years minimum to—well, her grandchildren could be members, too. We have doctors, accountants, school boys, playboys, mechanics, businessmen, and we are still growing.

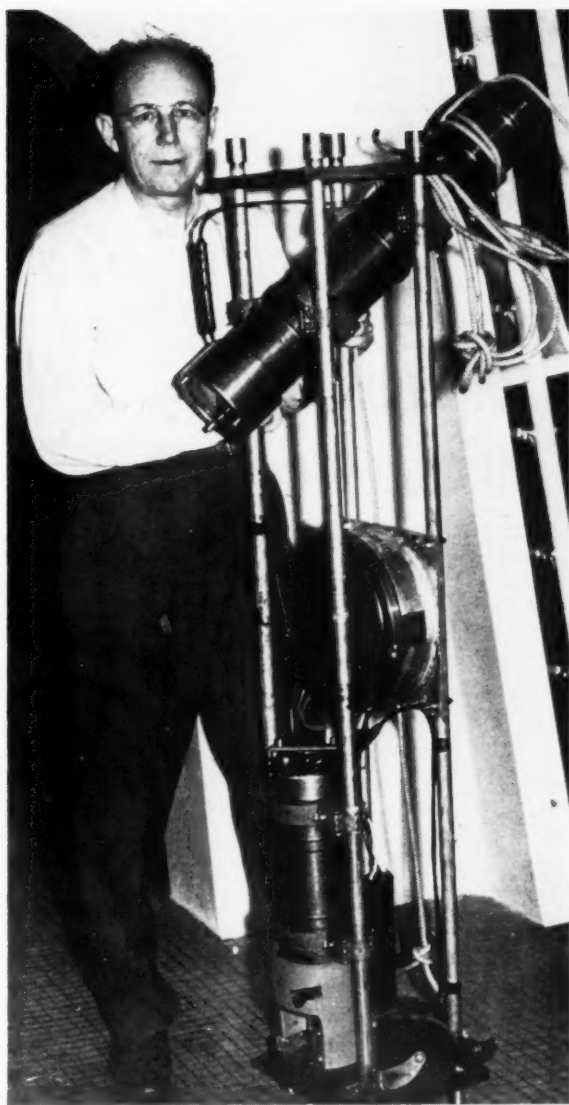
But, it is not only because of the advantages we can offer the independent divers in our area; but, we realize the sport is growing and we are trying to help it. We still consider every man or woman who enjoys swimming a potential candidate for membership and so should you.

Our original equipment was one second hand regulator, two masks, two sets of flippers, two very worn spearguns.

Today, our combined equipment is valued at many thousands of dollars, and a great deal of it is custom built by members and donated for use by the club, or sold to members at cost. This includes seasleds by Bob Wright, custom quick release backpacks by Joe Rotramell, and, an inexpensive underwater

Deep sea camera as used to photograph the bottom of the Romanche Trench at 25,000 feet down. This crack in the bottom of the ocean is on the equator about half way from Africa to South America.

The camera and electronic flash lamp were constructed at Massachusetts Institute of Technology with a grant from the National Geographic Society. Harold Edgerton stands beside the camera. An account of the expedition to the Romanche Trench is given in the March 1958 issue of National Geographic.



tug is being developed by Ralph Coleman.

Since we are interested in getting members who dive, our initiation fee and dues are fair but high enough to cover expenses including purchases of special equipment. We furnish equipment to any prospective member except air in rental tanks. It gives him a chance to go and see for himself at minimum cost.

We don't "look him over." If he has been invited by a member that is good enough. It is up to him.

We specialize in Scuba diving, but, there are several excellent free divers in our club. However, there just isn't any reason for a confirmed diver to join our operation unless he or she wishes to learn Scuba techniques.

By keeping diving activity to a maximum, we have reduced the cost of diving to four dollars for a full day, complete with trip and air, for a member

who has full equipment including tanks. And, I don't think any other club in the country can do better than that. We hope to get it down to \$3.50 by next summer.

Any club in the country can do the same if you don't get diverted by side issues. Don't get involved too soon in activities other than diving. Our advice is to do only those things which will make diving less expensive and safer.

Let me tell you some blunt truths. Too many clubs of all kinds deteriorate into warring factions because they try to do too many things at once. The next step is to deteriorate into nothing.

As I described in the beginning the three of us who started the Morays all thought we had different reasons for wanting a club. Our salvation has been that we took time to think out precisely what we did want and then took time to find out what the experience of other

(Continued on page 45)



---

---

---

# COUNCIL FOR UNDERWATER ARCHAEOLOGY

By  
JOHN HUSTON

---

---

---

The Council for Underwater Archaeology is a group of skin divers, archaeologists and laymen organized to encourage the development of underwater archaeology. Until recently the potential of this branch of archaeology was largely unrecognized. With Cousteau's work at Grand Congloue, world-wide attention has been drawn to the contribution the free diver can make to historical knowledge.

For centuries divers have made chance discoveries but not until 1901, was any organized effort made to raise submerged objects. That year helmet divers at Antikythera brought up the greatest single collection of classical Greek sculpture ever found which is now part of the Greek national treasure.

Later similar projects at Cape Artemision and Marathon in Greece also recovered Greek objects while divers at Mahdia, off the coast of Africa raised Roman objects from a submerged ship. These expeditions were typical museum searches for art objects, never attempting an excavation of the site.

In contrast, Cousteau's work at Grand Congloue, a rocky island near Marseille, is a full archaeological excavation. This ship mound is the first to be methodically excavated, using the techniques now available for underwater work. In the Americas pioneer work was done by E. A. Link and Mendel Petersen. Grand Congloue is not a

quest for art but for knowledge of classical shipping and the spread of civilization throughout the Mediterranean area. The organizers of the Council of Underwater Archaeology have formed the Council to further such disciplined submarine excavation.

A large amount of manpower is needed to explore any set territory. Luckily there are ample qualified and willing to help in this scientific work. Thousand of amateurs divers in the United States and foreign countries are qualified to help in this scientific work. These divers alone have the means of finding and recovering objects from below, and many are now looking for ancient wrecks, hoping to find personal adventure and the "treasure." Unfortunately pure adventure is too often destructive, as in the case of the two college students who recently came into the American Museum of Natural History, opened several large sacks and dumped parts of three bronze Hellenistic statues from the Bay of Alexandria on the floor with the question, "How much are they worth?" Few realize that in nine cases out of ten, recovered ancient objects have no commercial value. The value of these ancient finds lies rather in the addition to our knowledge and understanding of history. (Even in those rare instances when a recovered object does have significant financial value the identification and appraisal by an expert is usually required before the find can be converted into dollars.) To achieve their full value, the study and identification of objects by archaeological and/or historical experts is essential.

Every ancient underwater find is a mystery, the identity of which can only be discovered, if at all, through careful study and great effort. The solution lies in the accumulation of small bits of evidence, seemingly inconsequential. The destruction or removal of any portion of a wreck, such as a coin or a piece of charcoal, may obliterate the line of evidence leading to the historical identity. For example the small stoppers of the amphorae at Grand Congloue were the means of establishing the time, origin and manufacturer of the ship and cargo.

Working with experts enhances the adventure of undersea hunting itself. Experts in the fields of archaeology and history, familiar with ancient shipping routes and the localities of naval battles, can give aid in locating ships. Once found, an expert familiar with the construction of the ship, will know how it was loaded and the probable manner in which it broke up after sinking. Obviously with this knowledge, the diver can both recover more from the ship and eliminate much useless effort in the recovery work. Cooperating with schol-

ars, we are able to know much more about the material we find. Then, from the strictly practical view, it is very nearly impossible to get financial aid for an extensive or important excavation without archaeological support and prestige. The pioneers of skin diving, the Club de la Mer and the Club Alpin Sous Marine, have found working with professionals so rewarding that they have developed an underwater exploration program in cooperation with archaeological experts that covers entire areas of their rich field of the Cote d'Azur.

To transform underwater exploration from treasure hunting to archaeology the scientist and diver must work together. Bringing these two together is the prime aim of the Council.

The Council aims to be a service organization for all participants in the field of underwater exploration and excavation. In this capacity the Council will: Maintain a register of archaeologists, legal experts, and organizations willing to help in exploration and excavation; maintain a register of divers and other individuals qualified for expeditions; advise and assist in arranging for excavations in foreign countries; collect and dispense information on technical developments; record archaeological sites and the material found; encourage laws for the protection of sites; maintain records of expeditions and their results; set up a code of ethics for members and educate divers in the technique of exploration and protection of underwater sites; bring together divers, archaeologists and other experts for specific projects, and publish a bulletin.

The members of the Council realize that hundreds of divers all over the world have made finds of historical and archaeological significance. It is their hope to learn of as many such discoveries as possible, in the interest of education for other divers and archaeologists concerned with this field of endeavor. A significant number of archaeologists have already agreed to help divers in the excavation of their discoveries. The Council seeks information on any finds of old objects and will be happy to refer the finder to an expert in his locality. Every interested individual, amateur or professional is invited to become a member of the Council.

We ask that you write to us directly giving us: (1) your name and experience; (2) the names of others interested in the field; (3) what exploration or discoveries you know about; and (4) an application for membership for which there is no charge. Your cooperation in this venture is needed to make it a success. All correspondence should be addressed to John Huston, Secretary, 41 Sutter Street, San Francisco, California.



# SOUTHEAST FLORIDA COUNCIL OF SKIN DIVING CLUBS

P.O. Box 42543

Miami, Florida

By H. V. "PAPPY" FLOOD

Representatives of eight skin diving clubs met together and formed the new Southeast Florida Council of Skin Diving Clubs. This council has as its aims the promotion of safety, sportsmanship, conservation and the general education of the public to the pleasures of the skin diving world.

One of our first acts was to accept the Divers Flag council wide. We plan to educate the boating public to its meaning and use. An interesting talk on both the Divers Flag and diving in general has already been given by one of our council members. Don McGee, president of the Miami Morays, gave this talk to one of the local U.S. Power Squadrons. More of the same is planned by other council members for other U.S. Power Squadrons, Sailing Clubs, Motor Boat Clubs, and the Rod and Reel organizations. We are fortunate in that so many of the boating populace can be reached in this manner. Many of these are visitors from the north, who will possibly carry the news of the diving

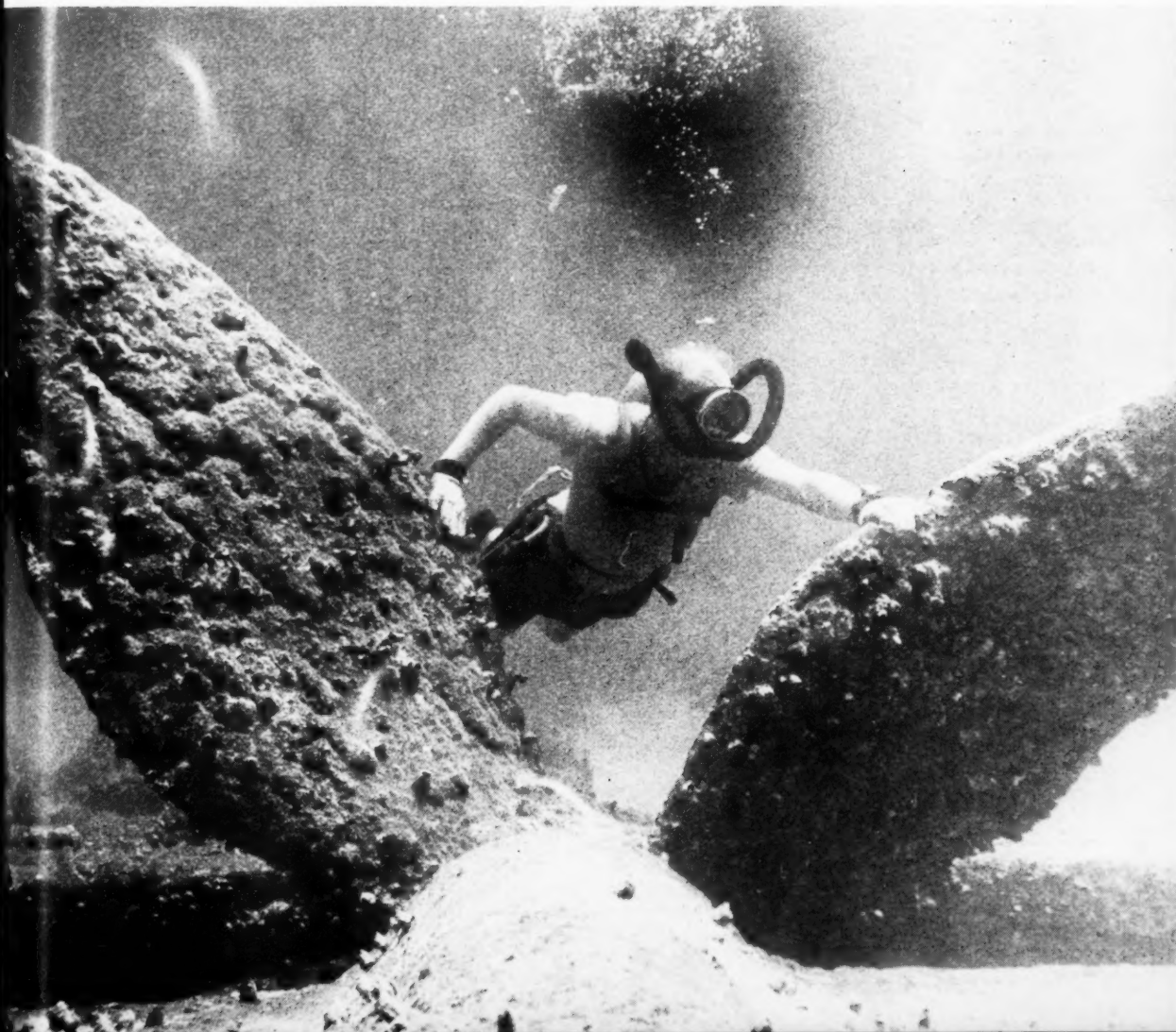
flag back to their boating friends in the other States.

We have also launched a project designed to help the teen-agers. Our program plans are to help them to organize skin diving clubs and then to instruct them further in safety, sportsmanship and conservation. We feel that not only teen-agers, but the adults too, need our help to learn that skin diving is a healthy and clean sport.

We feel that the sport of spearfishing should have the same privileges and restrictions enjoyed by other types of fishermen and toward this end we are dedicated.

We welcome all inquiries or suggestions to promote greater cooperation among skin divers.

Arthur C. Clarke, best-selling author of books on both Space Travel and Undersea Exploration, hangs between the blades of a sunken propeller. They mark the last resting place of one of the dozens of wrecked ships off the island of Ceylon. This is another of the outstanding photographs taken by Mike Wilson for the Clarke-Wilson Expeditions, and will be used in the forthcoming underwater photographic book for children "Boy Beneath The Sea" to be published by Harpers Brothers, New York.





## SPUTNIK vs. AQUATICS

By ROBERT A. BURNS

The question arose in my mind as I watched a great hawk soar above the earth, seemingly without effort, and with all the grace and beauty only God could design: if this same hawk possessed the intelligence of man, would it look down upon him, not only dimensionally, but as an inferior being? Would it watch with contempt as the crippled human animal tried vainly to design crutches to free himself from his terrible handicap—no wings? Would it laugh hysterically as it pecked into the window of our latest jet airliner and saw man still a prisoner, only now in a small cell of his own creation? Would it go into spasms of mirth as it heard man say he had conquered air?

Man dreamed of wings, freedom, and tranquility, with the idea that one would follow the other. The airplane rewarded him with speed, tension, and bondage, one following the other.

In marked contrast, skin diving of today has reached the goal of the freedom lovers of yesteryear, before the days of the Flying Frankenstein, the airplane. With only the aid of snorkel, fins, and mask, we drift along over the ocean floor like a cloud on a lazy summer day. The unsuspecting prey is spotted; then, with a deep breath and a kick of our fins, we glide down for the attack. Hit or miss, we have met the creature on equal footing—or should I say, "equal finning"? We're no longer helpless gravitational prisoners looking to the sky with envious eyes, while we choke on dust and smog. We're no longer enclosed in a flying coffin with as little control over our journey as a bit of plankton in the Gulf Stream.

Now when the rocket and the sputnik are perfected and make the jet obsolete, will these give man the escape for which he's so desperately searching? Let's face it; it will be the same hash as before: more speed and frustration.

Our government is presently "run-

ning scared" in a race for the moon. Congress has spanked the wrists of the Army and Navy for their petty jealousies, and appropriated billions of dollars to become first in setting foot on this barren wasteland devoid of all life. Meanwhile, there lies in our own backyard an unexplored world much larger than the moon—a world so teeming with life and so filled with beauty that it leaves our own land world a dissipated desert by comparison.

Carefully considering, which one emerges as the more intelligent aim—a goosechase to the moon, or an exploration into the riches of the underwater world? It would be impossible to answer this question completely in such a short article, but here are a few facts I picked up while on a recent visit to Scripps Institution of Oceanography in La Jolla, California, the largest of its kind in America. A stolen quotation from their museum makes an appropriate starter:

"Human beings, dwellers on the land, tend to think that their dwelling place is the major portion of the earth; in fact, the word 'earth' itself can mean either the planet as a whole or the dry ground. But an unprejudiced observer on another planet would see it differently; from his viewpoint, the seas would be earth's dominating feature, far more important than the land.

The volume of living space in the sea is three hundred times greater than that on the land; and four fifths of the different kinds of animals (not including insects) live in the ocean."

An interesting statement about Wheeler J. North's kelp program could have been added there, such as his intention of increasing the marine life in the area of the program's operation by four or five times. As you can see, a quadrupled increase in four fifths of

the world's animal life on this planet of fast-diminishing food supplies could mean, in generations to come, the difference between starvation and a full tummy.

Few people realize that less than one one-hundredth percent of the ocean kingdom has as yet been explored, and the magnitude of wealth and natural resources lies dormant and undisturbed by man. The water world has played the role of the prophet without honor in his own hemisphere. Our government is spending only two million dollars on underwater research, compared to the tens of billions spent on outer space travel. Aside from the military standpoint, there is little comparison in the dollar-for-dollar return on our investment. (We all agree that control of outer space is necessary and vital to us because, as North aptly stated, "If we allow some hostile nation to control outer space, presently there will be no diving or research for any of us.")

A good example of the ocean's riches in natural resources is a report on a manganese deposit somewhere in the central Pacific. Manganese is a grayish-white metal with reddish tinge, soft when pure but ordinarily hard and brittle, like iron but not magnetic, widely used in the manufacturing of the hardest steel. Small quantities are used in the production of paints and colored glass, and as a flux in the smelting of lead and silver ores. Most deposits are found in the U.S.S.R. and South Africa, but the world's supply is so small it will soon be depleted. A telegraph cable was being raised from three miles down, upon which clung a segment of the ocean floor. Investigation disclosed the segment to be manganese, covering an area of the unbelievable dimensions of twenty miles long and ten miles wide.

Each day the newspapers remind us of the years it will take to catch up with Russia in space flight, but at

(Continued on page 46)

UNDE  
SKIN I  
P.O. B  
Lyndon  
OCEAN  
Box 16  
Ad-hid  
ANEQU  
Rosa A  
Cs. Po  
Rio de  
SPEAR  
Editor,  
1 River  
Maylan  
PESCA  
Via F  
Genova  
L'AVE  
33, Rue  
Paris,  
NEIGE  
9, Cite  
Paris 8  
L'EAU  
SOUSS  
1, rue  
Tanger  
TRITO  
16 Beve  
London  
ZERO  
31, Rue  
FLORI  
Tamiar  
Sun Ci  
GREAT  
2437 St  
Flint,  
AQUA  
P.O. B  
Colomb  
UNDE  
P.O. B  
Auckla  
THE U  
Box 26  
Adelaid  
Toronto  
LE TR  
21 bis,  
Paris  
UICHE  
Friedrik  
Helsinki

# UNDERWATER CLUB ROSTER

Copyright 1958, Skin Diver Magazine

This Official Underwater Club Roster, compiled by Skin Diver Magazine over a five months period, contains the names and addresses of 702 clubs, associations, councils and publications from all over the world. 410 of these clubs are in the United States. The roster constitutes the majority of the active underwater groups in the world at the present time.

Skin Diver Magazine is publishing this roster as a public service and to encourage correspondence between the clubs of the different countries. Another purpose of the roster is to enable independent underwater enthusiasts to find and join a club in their locale.

This roster is fully copyrighted and may not be republished or used in any manner without written approval of Skin Diver Magazine. Compiled in alphabetical order as follows: country, state and city.

## UNDERWATER PUBLICATIONS

**SKIN DIVER**  
P.O. Box 128  
Lynwood, California

**OCEANIC SCROLL**  
Box 1687 GPO  
Adelaide, South Australia

**ANEQUIM**  
Rita Antunes Maciel, no. 105-A  
Cx. Postal 2633  
Rio de Janeiro, Brazil

**SPEARFISHING SPORTLIGHT**  
Editor, Miss Caroline Giles  
1 Riverslea Ave.  
Maylands, Western Australia

**PESCASPORT**  
Via Fieschi, 36/38  
Genova, Italy

**L'AVENTURE SOUS-MARINE**  
33, Rue de Rivoli  
Paris, France

**NEIGE ET GLACE**  
9, Cite du Retiro  
Paris 8e, France

**L'EAU ET LA VIE SOUS-MARINE**  
1, rue de la Haye  
Tanger

**TRITON**  
16 Beverley Gardens  
London S.W. 13, England

**ZERO POINTE**  
31, Rue Lavoisier, Rabat, Morocco

**FLORIDA OUTDOORS**  
Tamiami Trail  
Sun City, Fla.

**GREAT LAKES DIVER**  
2437 Stockbridge  
Flint, Mich.

**AQUA NEWS**  
P.O. Box 163  
Colombo, Ceylon

**UNDERWATER**  
P.O. Box 3236  
Auckland, New Zealand

**THE UNDER CURRENT**  
Box 26  
Adelaide P.O.  
Toronto 1, Ont., Canada

**LE TRIDENT BLANC**  
11 bis, rue de Beaujolais  
Paris 1, France

**URHEILUSUKELTAJAT R.Y.**  
Fredrikinkatu 12 B 41  
Helsinki, Finland

**ALGERIA**  
**Harpon Club de Bone**  
Allee Guynemer  
Bone, Algeria

**Groupe d'Explorations et de Recherches sous-Marines d'Algerie**  
c/o Andre Pouchois  
69, Avenue Guernaud  
Fort-de-l'Eau, Algeria

**Amicale Sportive Air-France**  
**Secteur Peche sous-marin**  
Monsieur Hamerin  
Air-France, Maison-Blanche  
Alger, Algeria

**Club Algerois Sports Sub-Aquatique**  
Aero-Habitat. B3  
Alger, Algeria

**Club de chasse-sous-marin d'Alger**  
Brasserie Masclaux  
Alger, Algeria

**Club de la Police Algerie**  
**Secteur chasse sous-marin**  
Commissariat du Port  
Alger, Algeria

**Section Peche et Exploration Sous-Marine du C.C.A.O.S.**  
21 Rue Auber  
Alger, Algeria

**Sport Nautique Pointe-Pescade**  
**Secteur Peche Sous-marin**  
Pointe-Pescade, Alger, Algeria

**C.S.A.L.A.**  
Maison-Blanche  
Alger, Algeria

**Harpon-Club Ouest Algerois**  
Bida, Algeria

**Triton Castiglioni**  
Castiglione, Algeria

**G.E.R.S.M. d'Algeria**  
Santa-Monica  
Fort de l'Eau, Algeria

**Harpon-Club de Fort de l'Eau**  
Rue de France  
Fort de l'Eau, Algeria

**Triton Montaganemois**  
Monsieur Parisien  
Mostaganem, Algeria

**Groupe de Recherches Sous-Marines**  
26 Rue Alsace-Lorraine  
Oran, Algeria

**Harpon-Club et Groupe de Recherches Sous-marines**  
Davo Koubi  
26 Rue Alsace-Lorraine  
Oran, Algeria

**Societe Sub-aquatique**  
**Harpon-Club Teneisien**  
Tenes, Algeria

**AUSTRALIA**  
**Underwater Skin Divers & Fisherman's Association of S.A.**  
Box 1687  
GPO Adelaide  
South Australia

**Underwater Explorers Club**  
c/o B. Martin  
41 Elizabeth St.  
Cottesloe, W. Australia

**AUSTRIA**  
**Arbeitsgemeinschaft fur Tauchtechnik**  
Wien V 133 Postfach 21  
Austria

**BELGIUM**  
**Autonomous Diving Association**  
25 Rue St. Paul  
Antwerp, Belgium

**BERMUDA**  
**"Porgies"**  
**Kindley Skin Diving Club**  
c/o A-2c Norman S. Hughes  
Kindley AFB, Bermuda

**Belmont Sous-Marin**  
c/o Belmont Manor & Golf Club  
Warwick, Bermuda

**BRITISH WEST INDIES**  
**Barbados Sub-Aqua Club**  
c/o E. M. Wotton  
16 Block, A Garrison  
Bridgetown, Barbados, B.W.I.

**British Sub-Aqua Club**  
S.A. Downtown  
U. K. Trade Commissioner's Office  
Barclay's Bank Bldg.  
King St. (P.O. Box 393)  
Kingston, Jamaica, B.W.I.

**The Kingfishers Club**  
60 Park St.  
Port of Spain  
Trinidad, B.W.I.

**CANARY ISLANDS**  
**Underwater Sports**  
Howard W. Williams  
Apartado 119  
Las Palmas, Canary Islands

**CUBA**  
**Federacion Nacional de Caza y Exploracion Submarina**  
Calle L # 2  
P.O. Box 1950  
Vedado, Havana, Cuba

**Club de Cazadores Submarinos de Camaguey**  
Dr. Jorge Horstmann  
Gral. Gomez #208  
Camaguey, Cuba

**Tiburones de Tinajon**  
Gilberto Valdesuso  
363 Republica St.  
Camaguey, Cuba

**Esponjas de Cojimar**  
Julio E. Valladares  
Cristobal la Guardia # 28  
Rpto. Debeche  
Guanabacoa, Cuba

**Caballeros de Neptuno**  
Raul Bustillo Diaz  
Apartado 72  
Guantanamo, Ote. Cuba

**Denizens of the Deep**  
Abbot Gleen  
All America Cables & Radio  
P.O. Box 22  
Naval Base, Guantanamo, Ote. Cuba

**Club de Cazadores Submarinos de Guanabacoa**  
Luis Vazquez  
Garaze Mi Tio  
Infanta y 23  
Vedado  
Havana, Cuba

**Las Barracudas**  
Juan Fernandez  
Apartado 1908  
Havana, Cuba

**Los Delfines de Cojimar**  
Miguel Ruano Perez  
Esso Standard Oil of Cuba  
Apartado 1303  
Havana, Cuba

**Los Demonios de Mar**  
Norberto Palomeque  
Zanja 824  
Havana, Cuba

**Los Obispos**  
Alberto Abreu  
Calle 58 #4516 e/45 y 47  
Marianno  
Havana, Cuba

**Los Piratas**  
Joaquin Trias  
Calle 12 #508  
Vedado  
Havana, Cuba

**Las Guasas**  
Felix Quintana  
Escuela Rural #55  
Kilometro 14 (Via Blanca)  
Matanzas, Cuba

**Club de Cazadores Submarinos de Occidente**  
Macho Soler  
V. Cavedes #4 norte  
Pinar del Rio, Cuba





## SPUTNIK vs. AQUATICS

By ROBERT A. BURNS

The question arose in my mind as I watched a great hawk soar above the earth, seemingly without effort, and with all the grace and beauty only God could design: if this same hawk possessed the intelligence of man, would it look down upon him, not only dimensionally, but as an inferior being? Would it watch with contempt as the crippled human animal tried vainly to design crutches to free himself from his terrible handicap—no wings? Would it laugh hysterically as it peeked into the window of our latest jet airliner and saw man still a prisoner, only now in a small cell of his own creation? Would it go into spasms of mirth as it heard man say he had conquered air?

Man dreamed of wings, freedom, and tranquility, with the idea that one would follow the other. The airplane rewarded him with speed, tension, and bondage, one following the other.

In marked contrast, skin diving of today has reached the goal of the freedom lovers of yesteryear, before the days of the Flying Frankenstein, the airplane. With only the aid of snorkel, fins, and mask, we drift along over the ocean floor like a cloud on a lazy summer day. The unsuspecting prey is spotted; then, with a deep breath and a kick of our fins, we glide down for the attack. Hit or miss, we have met the creature on equal footing—or should I say, "equal finning"? We're no longer helpless gravitational prisoners looking to the sky with envious eyes, while we choke on dust and smog. We're no longer enclosed in a flying coffin with as little control over our journey as a bit of plankton in the Gulf Stream.

Now when the rocket and the sputnik are perfected and make the jet obsolete, will these give man the escape for which he's so desperately searching? Let's face it: it will be the same hash as before: more speed and frustration.

Our government is presently "run-

ning scared" in a race for the moon. Congress has spanked the wrists of the Army and Navy for their petty jealousies, and appropriated billions of dollars to become first in setting foot on this barren wasteland devoid of all life. Meanwhile, there lies in our own backyard an unexplored world much larger than the moon—a world so teeming with life and so filled with beauty that it leaves our own land world a dissipated desert by comparison.

Carefully considering, which one emerges as the more intelligent aim—a goosechase to the moon, or an exploration into the riches of the underwater world? It would be impossible to answer this question completely in such a short article, but here are a few facts I picked up while on a recent visit to Scripps Institution of Oceanography in La Jolla, California, the largest of its kind in America. A stolen quotation from their museum makes an appropriate starter:

"Human beings, dwellers on the land, tend to think that their dwelling place is the major portion of the earth; in fact, the word 'earth' itself can mean either the planet as a whole or the dry ground. But an unprejudiced observer on another planet would see it differently; from his viewpoint, the seas would be earth's dominating feature, far more important than the land.

The volume of living space in the sea is three hundred times greater than that on the land; and four fifths of the different kinds of animals (not including insects) live in the ocean."

An interesting statement about Wheeler J. North's kelp program could have been added there, such as his intention of increasing the marine life in the area of the program's operation by four or five times. As you can see, a quadrupled increase in four fifths of

the world's animal life on this planet of fast-diminishing food supplies could mean, in generations to come, the difference between starvation and a full tummy.

Few people realize that less than one one-hundredth percent of the ocean kingdom has as yet been explored, and the magnitude of wealth and natural resources lies dormant and undisturbed by man. The water world has played the role of the prophet without honor in his own hemisphere. Our government is spending only two million dollars on underwater research, compared to the tens of billions spent on outer space travel. Aside from the military standpoint, there is little comparison in the dollar-for-dollar return on our investment. (We all agree that control of outer space is necessary and vital to us because, as North aptly stated, "If we allow some hostile nation to control outer space, presently there will be no diving or research for any of us.")

A good example of the ocean's riches in natural resources is a report on a manganese deposit somewhere in the central Pacific. Manganese is a grayish-white metal with reddish tinge, soft when pure but ordinarily hard and brittle, like iron but not magnetic, widely used in the manufacturing of the hardest steel. Small quantities are used in the production of paints and colored glass, and as a flux in the smelting of lead and silver ores. Most deposits are found in the U.S.S.R. and South Africa, but the world's supply is so small it will soon be depleted. A telegraph cable was being raised from three miles down, upon which clung a segment of the ocean floor. Investigation disclosed the segment to be manganese, covering an area of the unbelievable dimensions of twenty miles long and ten miles wide.

Each day the newspapers remind us of the years it will take to catch up with Russia in space flight, but at

(Continued on page 46)

UNDE  
SKIN  
P.O. B  
Lynnwo  
OCEAN  
Box 16  
Adelaic  
ANEQU  
Rita A.  
Cn. Po  
Rio de  
SPEAR  
Editor,  
1 River  
Maylan  
PESCA  
Via Fi  
Genova  
L'AVE  
33, Rue  
Paris,  
NEIGE  
9, Cite  
Paris  
L'EAU  
SOUS-  
1, rue  
Tanger  
TRITO  
16 Bev  
London  
ZERO  
31, Rue  
FLORI  
Timon  
Sun, C  
GREA  
2437 S  
Flint,  
AQUA  
P.O. B  
Colomb  
UNDE  
P.O. B  
Auckla  
THE U  
Box 24  
Adelaic  
Toront  
LE TH  
11 bis,  
Paris  
URHE  
Fredrik  
Helsinki



# UNDERWATER CLUB ROSTER

Copyright 1958, Skin Diver Magazine

This Official Underwater Club Roster, compiled by Skin Diver Magazine over a five months period, contains the names and addresses of 702 clubs, associations, councils and publications from all over the world. 410 of these clubs are in the United States. The roster constitutes the majority of the active underwater groups in the world at the present time.

Skin Diver Magazine is publishing this roster as a public service and to encourage correspondence between the clubs of the different countries. Another purpose of the roster is to enable independent underwater enthusiasts to find and join a club in their locale.

This roster is fully copyrighted and may not be republished or used in any manner without written approval of Skin Diver Magazine. Compiled in alphabetical order as follows: country, state and city.

## UNDERWATER PUBLICATIONS

**SKIN DIVER**  
P.O. Box 128  
Lynwood, California

**OCEANIC SCROLL**  
Box 1687 GPO  
Adelaide, South Australia

**ANEQUIM**  
Rua Antunes Maciel, no. 105-A  
Cx. Postal 2633  
Rio de Janeiro, Brazil

**SPEARFISHING SPORTLIGHT**  
Editor, Miss Caroline Giles  
1 Riverslea Ave.  
Maylands, Western Australia

**PESCASPORT**  
Via Fieschi, 36/38  
Genova, Italy

**L'AVENTURE SOUS-MARINE**  
33, Rue de Rivoli  
Paris, France

**NEIGE ET GLACE**  
9, Cite du Retiro  
Paris 8e, France

**L'EAU ET LA VIE SOUS-MARINE**  
1, rue de la Haye  
Tanger

**TRITON**  
16 Beverley Gardens  
London S.W. 13, England

**ZERO POINTE**  
31, Rue Lavoisier, Rabat, Morocco

**FLORIDA OUTDOORS**  
Tamiari Trail  
Sun City, Fla.

**GREAT LAKES DIVER**  
2437 Stockbridge  
Flint, Mich.

**AQUA NEWS**  
P.O. Box 163  
Colombo, Ceylon

**UNDERWATER**  
P.O. Box 3236  
Auckland, New Zealand

**THE UNDER CURRENT**  
Box 26  
Adelaide P.O.  
Toronto 1, Ont., Canada

**LE TRIDENT BLANC**  
11 bis, rue de Beaujolais  
Paris 1, France

**URHEILUSUKELTAJAT R.Y.**  
Fredrikinkatu 12 B 41  
Helsinki, Finland

**ALGERIA**  
**Harpon Club de Bone**  
Allee Guynemer  
Bone, Algeria

**Groupe d'Explorations et de Recherches sous-Marines d'Algerie**  
c/o Andre Pouchois  
69, Avenue Guerouard  
Fort-de-l'Eau, Algeria

**Amicale Sportive Air-France**  
**Secteur Peche sous-marine**  
Monsieur Hamerin  
Air-France, Maison-Blanche  
Alger, Algeria

**Club Algerois Sports Sub-Aquatique**  
Aero-Habitat. B3  
Alger, Algeria

**Club de chasse-sous-marine d'Alger**  
Brasserie Masclaux  
Alger, Algeria

**Club de la Police Algerie**  
**Secteur chasse sous-marine**  
Commissariat du Port  
Alger, Algeria

**Section Peche et Exploration Sous-Marine du C.C.A.O.S.**  
21 Rue Auber  
Alger, Algeria

**Sport Nautique Pointe-Pescade**  
**Section Peche Sous-marine**  
Pointe-Pescade, Alger, Algeria

**C.S.A.I.A.**  
Maison-Blanche  
Alger, Algeria

**Harpon-Club Ouest Algerois**  
Bida, Algeria

**Triton Castiglioni**  
Castiglione, Algeria

**G.E.R.S.M. d'Algeria**  
Santa-Monica  
Fort de l'Eau, Algeria

**Harpon-Club de Port de l'Eau**  
Rue de France  
Fort de l'Eau, Algeria

**Triton Mostaganemois**  
Monsieur Parisien  
Mostaganem, Algeria

**Groupe de Recherches Sous-Marines**  
26 Rue Alsace-Lorraine  
Oran, Algeria

**Harpon-Club et Groupe de Recherches Sous-marines**  
Davo Koubi  
26 Rue Alsace-Lorraine  
Oran, Algeria

**Societe Sub-aquatique**  
**Harpon-Club Teneisien**  
Tenes, Algeria

**AUSTRALIA**  
**Underwater Skin Divers & Fisherman's Association of S.A.**  
Box 1687  
GPO Adelaide  
South Australia

**Underwater Explorers Club**  
c/o B. Martin  
41 Elizabeth St.  
Cottesloe, W. Australia

**AUSTRIA**  
**Arbeitsgemeinschaft fur Tauchtechnik**  
Wien V 133 Postfach 21  
Austria

**BERMUDA**  
**Autonomous Diving Association**  
25 Rue St. Paul  
Antwerp, Belgium

**BERMUDA**  
**'Porgies'**  
Kindley Skin Diving Club  
c/o A-2c Norman S. Hughes  
Kindley AFB, Bermuda

**Belmont Sous-Marin**  
c/o Belmont Manor & Golf Club  
Warwick, Bermuda

**BRITISH WEST INDIES**  
**Barbados Sub-Aqua Club**  
c/o E. M. Wotton  
16 Block, A Garrison  
Bridgetown, Barbados, B.W.I.

**British Sub-Aqua Club**  
S.A. Downtown  
U. K. Trade Commissioner's Office  
Barclay's Bank Bldg.  
King St. (P.O. Box 393)  
Kingston, Jamaica, B.W.I.

**The Kingfishers Club**  
60 Park St.  
Port of Spain  
Trinidad, B.W.I.

**CANARY ISLANDS**  
**Underwater Sports**  
Howard W. Williams  
Apartado 119  
Las Palmas, Canary Islands

**CUBA**  
**Federacion Nacional de Caza y Exploracion Submarina**  
Calle L # 2  
P.O. Box 1950  
Vedado, Havana, Cuba

**Club de Cazadores Submarinos de Camaguey**  
Dr. Jorge Horstmann  
Gral. Gomez #208  
Camaguey, Cuba

**Tiburones de Tinajon**  
Gilberto Valdesuso  
363 Republica St.  
Camaguey, Cuba

**Esponjas de Cojimar**  
Julio E. Valladares  
Cristobal in Guardia # 28  
Rpto. Debeche  
Guanabacoa, Cuba

**Caballeros de Neptuno**  
Raul Bustillo Diaz  
Apartado 72  
Guantanamo, Ote. Cuba

**Denizens of the Deep**  
Abbot Gleen  
All America Cables & Radio  
P.O. Box 22  
Naval Base, Guantanamo, Ote. Cuba

**Club de Cazadores Submarinos de Guanabacoa**  
Luis Vazquez  
Garage Mi Tio  
Infanta y 23  
Vedado  
Havana, Cuba

**Las Barracudas**  
Juan Fernandez  
Apartado 1908  
Havana, Cuba

**Los Delfines de Cojimar**  
Miguel Ruano Perez  
Esso Standard Oil of Cuba  
Apartado 1303  
Havana, Cuba

**Los Demonios de Mar**  
Norberto Palomeque  
Zanja 824  
Havana, Cuba

**Los Obispos**  
Alberto Abreu  
Calle 58 #4516 e/45 y 47  
Marianao  
Havana, Cuba

**Los Pirates**  
Joaquin Trias  
Calle 12 #508  
Vedado  
Havana, Cuba

**Las Guanas**  
Felix Quintana  
Escuela Rural #55  
Kilometro 14 (Via Blanca)  
Matanzas, Cuba

**Club de Cazadores Submarinos de Occidente**  
Macho Soler  
V. Caviedes #4 norte  
Pinar del Rio, Cuba

# Underwater Club Roster

## CEYLON

Reefmembers of Ceylon  
P.O. Box 163  
Colombo, Ceylon

## CORSICA

Ajaccio Sports  
1 Av. du 1er Consul  
Ajaccio, Corse  
Centre Corse d'exploration  
sous-marine  
1 rue Emmanuel Arene  
Ajaccio, Corse

## ENGLAND

### BRANCHES OF BRITISH SUB-AQUA CLUB

London Branch  
Miss L. Gioia  
Flat 1, 159 Randolph Av.  
London W.9, England  
East Lancs. Branch  
V. Peake  
94 Stanley Rd.  
Chadderton, Lancs., England  
Bristol Branch  
J. Nash  
28 Southleigh Rd.  
Clifton, Bristol 8, England  
Blackpool Branch  
H. E. Elms  
95 Common Edge Rd.  
South Shore, Blackpool  
Lancs., England  
Merseyside Branch  
A. H. Smith  
5 Hale Road  
Wallasey, Cheshire, England  
Bournemouth Branch  
E. Wells  
9 Grosvenor Gardens  
Boscombe, Bournemouth  
Hants, England  
Brighton and Worthing Branch  
G. M. Thomas  
81 Holland Road  
Hove, Sussex, England  
Torbay Branch  
R. B. Wood  
68 Ellacombe Church Road  
Torquay, England  
Southsea Branch  
E. J. Towse  
122 Castle St.  
Portchester, Hants, England  
Taunton Branch  
Miss J. Bide  
2 Lilac Cottage  
Trull, Taunton, Somerset, England  
East Anglia Branch  
Mrs. J. M. Fownall  
15 Scafield Close  
Gt. Yarmouth, Norfolk, England  
North Staffs Branch  
D. Wyse  
Lorraine, Rough Close  
Stoke-on-Trent, Staffs, England  
Northampton Branch  
J. C. Warren  
7 Hinwick  
Wellingborough, Northants,  
England  
Hull Branch  
M. P. Sqaunce  
118 Wolfreton Lane  
Willerby, Hull, England  
East London Branch  
A. W. Hayden  
78 Grosvenor Park Rd.  
London E.17, England  
Nottingham Branch  
Mrs. M. Collington  
3 Vickers St.  
Nottingham, England  
Kingsdon Branch  
W. C. M. Tomson  
St. Margarets  
Links Way  
Little Bookham, Surrey, England  
Huddersfield Branch  
W. Hargreaves  
Cooper Lane  
Holmfirth, Huddersfield, Yorks  
England  
Southend Branch  
E. A. Ludlow  
8a Salisbury Rd.  
Leigh-on-Sea, Essex, England  
Croydon Branch  
R. Matkin  
14 Birdhurst Road  
South Croydon, Surrey, England

## Swansea Branch

P. A. Shepperson  
471 Gower Road  
Kilray, Swansea, Glam., England  
Birmingham Branch  
T. J. D. Rees  
60 Knightlow Road  
Harborne  
Birmingham 17, England  
Bromley Branch  
R. D. Smith  
32 Oak Tree Gardens  
Bromley, Kent, England  
Bognor Regis Branch  
E. G. A. Phillippe  
16 Sandymount Ave.  
Bognor Regis, Sussex, England  
Reading Branch  
G. O. Von Hoven  
26 High St.  
Drayton, Abingdon, Berks  
England  
Ipswich Branch  
M. Green  
288 Woodbridge Road  
Ipswich, Suffolk, England  
Bath Branch  
A. Tucker  
24 Westmoreland St.  
Bath, England  
Oxford Branch  
Miss A. M. Symons  
The Willow Studio  
Ferry Hinksey, Oxford, England  
Newport and Cardiff Branch  
Mrs. V. M. Llewellyn  
19 Westville Road  
Penylan, Cardiff, Glam., England  
Sheffield Branch  
R. E. Birchenough  
48 Titterton St.  
Sheffield 9, England  
Grimsby Branch  
A. Little  
23 Hawthorne Ave.  
New Waltham, Grimsby, Lincs.  
England  
Harrogate Branch  
S. A. Bradley  
20 Eleanor Dr.  
Woodlands, Harrogate, Yorks  
England  
Portland and Weymouth Branch  
Mrs. J. Dawes  
c/o Jolly Sailor Hotel  
Castletown  
Portland, Dorset, England  
Mexborough Branch  
G. W. Kirton  
282 Wath Road  
Mexborough, Yorks, England  
Bermanside Branch  
T. E. Holman  
8 Copperfield House  
Dockhead, London S.E.1, England  
Tees-Side Branch  
W. Kendrick  
2 Albert Road  
Stockton-on-Tees, Co. Durham  
England  
Bradford Branch  
L. Priestley  
14 Harehill Road  
Thackley, Bradford, England  
Chelsea Branch  
Miss L. Low  
99 Elm Park Gardens  
London S.W.10, England  
Swindon Branch  
J. E. Hamilton  
40 Fairford Crescent  
Swindon, Wilts, England  
Darwen Branch  
J. Bolton  
59 Winston Road  
Blackburn, Lancs., England  
Halifax Branch  
W. Onkes  
14 Coventry St.  
Spring Hall Lane  
Halifax, Yorks, England  
Ilford Branch  
Mrs. E. V. G. Wheeler  
16 Park Avenue  
Ilford, Essex, England  
York Branch  
G. B. Wright  
76 Windmill Rise  
York, England  
Cambridge Univ. Special Branch  
Cambridge University  
N. C. Flemming  
Pembroke College  
Cambridge, England

## Westminster Sea Scouts Spl. Branch

W. R. Davies  
Westminster Sea Scouts  
70 Meadow Hill Rd.,  
Birmingham 30, England  
The Loos Underwater Fishing Club  
George Marshall  
HR Market St.  
East Loos, South Cornwall,  
England  
FIJI  
Underwater Spearfisherman's Assn.  
of Fiji  
The Secretary  
c/o Agriculture Dept. R. F. Burness  
Sura, Fiji  
FINLAND  
Kymen Urheiluskelitajat  
Mariankatu 10  
Mamina, Finland  
Urheiluskelitajat r.y.  
Fredrikinkatu 12 B 41  
Helsinki, Finland  
Urheiluskelitajain Liitto r.y.  
Herttoniemi, Hiihtomaentie 46 A 19  
Helsinki, Finland  
FRANCE  
Club Alpin Sous-Marin  
Monsieur Broussard  
10 place Commandant Lamy  
Cannes, Alpes-Maritimes, France  
Club de la mer  
Av. Guy de Maupassant  
Juan-les-Pins, Alpes-Maritimes  
France  
Club de la mer des Iles d'Or  
Monsieur Milland  
sur le Port  
Lavandou, Var, France  
Union Rhodanienne de sauvetage et  
recherches sous-marines  
92, rue Paul Bert  
Lyon, Rhone, France  
Club d'exploration sous-marine  
MM. Portelatine et Ravon  
14 Quai des Docks  
Nice, Alpes-Maritimes, France  
Club sous-marin  
Paul Ocean  
6 rue de l'Edit de Nantes  
Pau, Basses-Pyrenees, France  
Groupe de recherches sous-marines  
du Roussillon  
25 rue Louis Blanc  
Perpignan, Pyrenees-Orientales  
France  
Groupe Armorica d'Etudes et de  
sports sous-marins  
3 rue Henri Gautier  
Saint-Nazaire, Loire-Atlantique,  
France  
Club d'exploration sous-marine de  
Toulon  
Cafe de la Rade Quai Stalingrad  
Toulon, Var, France  
Club des Chasseurs  
Sous-Marins de France  
66 Rue de la Rochefoucauld  
Paris 9, France  
Club Mediterranee  
8, Rue de la Bourse  
Paris 2, France  
HONG KONG  
Hong Kong Underwater Club  
Mr. L. F. Thomas  
Buxey Lodge, Government Hostel  
37 Conduit Rd., Hong Kong  
IRELAND  
Belfast Sub-Aqua Club  
c/o J. G. Stuart  
24 Montecole Park  
Belfast, Northern Ireland  
ISRAEL  
Israel Underwater Fishing &  
Research Society  
Dr. David Gutman  
Nordaustr. 19  
Haifa, Israel  
Nahariya Skin Diving Club  
Mr. Gideon Hirschfeld  
Jabotinskystr.  
Nahariya, Israel  
Haifa Underwater Spearfish'g Club  
Mr. Zioni Bakman  
c/o Kupat Milve Haovdim  
Haifa, Israel  
Underwater Sports Society  
Mr. Jacob Avis  
16 Jeheskeltreet  
Tel Aviv, Israel

## ITALY

Club Cacciatori Subacquei  
Via Stretta 2  
Porto Empedocle  
Agrigento, Italy  
Societa' Subacquea Bologna  
Via S. Felice 3  
c/o Studio Legale  
Bologna, Italy  
Club Nettuno  
Via Maggiore 104  
Bar Mazzini  
Bologna, Italy  
Sub Stress-Club Bergamo  
Via F. Petrarca 4  
Bergamo, Italy  
Circolo Nautico Brindisi  
Via Lenio Flacco 31  
Brindisi, Italy  
Club Subacqueo "Crotone"  
Via B. Giardini 8-5  
Crotone, Catanzaro, Italy  
Unione Sportiva Subacquei  
"Tharros"  
Corso Umberto  
Oristano, Cagliari, Italy  
Societa' Subacquea Caralis Club  
Via XX Settembre 58  
Cagliari, Italy  
Circolo Cacciatori Subacquei  
Via Pacini 2-Palazzo  
I.N.A. Dr. Malato  
Catania, Italy  
Circolo Cacciatori Subacquei  
Via Alimena 9  
Sig. Napolitano Erm.  
Cosenza, Italy  
Unione Sportiva Subacquei  
Calabresi  
Farmacia Dr. Cilento Giuseppe  
Paolo Marina  
Cosenza, Italy  
Societa' Sportiva Subacquei  
Sig. Babacci Lucio  
Cetraro Borgo S. Marco, Italy  
Club Sportivi Subacquei  
Via dell'Anguillara 21  
Firenze, Italy  
Associazione Fiorentina Subacquei  
Piazza Duomo 16-r  
Firenze, Italy  
Centro Italiano Ricercatori  
Subacquei  
Via Roma II  
Genova, Italy  
Cral Aeronautico  
Sezione Pesca  
Via Abate Gimma 150  
Bari, Italy  
Societa' Rari Nantes Bordighera  
Via Roberto 3  
Bordighera, Imperia, Italy  
Gruppo Sportivo Pirelli  
Sezione Subacquei  
Viale Carducci 12  
Livorno, Italy  
Circolo Nautico Marechiaro  
Via Salvatore di Giacomo 24  
Napoli, Italy  
Societa' Pescatori Sportivi Romani  
Corso Trieste 88  
Roma, Italy  
Circolo Nautico "Al Mare"  
Passeggiata Italia 26  
Alessio, Italy  
Circolo Nautico  
Sezione Pesca Subacquea  
Piazzale Stazione  
Riccione, Forli, Italy  
Unione Sportiva Subacquei "Dario  
Gonzatti"  
Via Antichia 6  
Genova, Italy  
Circolo Cacciatori Subacquei  
Via XX Settembre 13-1  
Zoagli, Genova, Italy  
Club Giovani Subacquei  
Via Bottini 15/3  
Genova, Italy  
Club Subacqueo Chiavari  
Corso Valparaiso 41  
Chiavari, Genova, Italy  
Club Sottomarino Portofino  
Calata G. Marconi 14  
Portofino, Genova, Italy  
Centro Sportivo Subacqueo  
Mediterraneo Nervi  
Hotel Savona Beeler  
Genova, Italy  
Circolo Cacciatori Subacquei  
Nervi, Genova, Italy

## Organized

Mr. Duili  
Scuola P.  
Nervi, Go  
Grosseto  
Pazza P.  
Grosseto  
Societa' "Bordighera"  
Langoma  
S. Marco  
Imperia,  
Circolo C.  
"Galeazzi"  
Via Malt  
La Spezia  
Club Sub  
Via Nizz  
Sig. R. I  
Gallipoli,  
Club Sub  
mondo B  
Via 95"  
Lecce, It  
Circolo C  
Via Rom  
Livorno,  
Cannietti  
Pazza S. I  
Lucca, It  
Circolo C  
silia"  
Via G. C  
Porto De  
Lucca, It  
Centro S  
Sezione I  
Viale Sa  
Milano,  
Dopolavo  
Sezione I  
Piazzale  
Milano,  
C.R.A.L.  
Viale R  
Sig. Abb  
Milano,  
C.R.A.L.  
Sezione  
Via Erbe  
Milano,  
Gruppo I  
Piazza L  
Milano,  
C.R.A.L.  
Sieruta",  
Via Fili  
Milano,  
Circolo S  
"Massim  
Via Chi  
Napoli,  
Societa'  
Via IV  
Castell  
Napoli,  
Club Sp  
Via Mor  
Palermo  
Club Sp  
Via Ter  
Palermo  
Club Sub  
Via VII  
c/o Dr.  
Padova,  
Societa'  
Viale G  
Pesaro,  
Societa'  
Via Sub  
Via Car  
Pisa, It  
Gruppo  
phinus"  
Pazza M  
Ravenna  
Siderno  
Via Ma  
Siderno  
R. Calb  
Sub Clu  
Via Vit  
San Giu  
R. Calb  
Sub Clu  
Via Nai  
Bianco  
Circolo  
Jannetti  
Pazza R  
Civitan  
Circolo  
Via Mic  
c/o Sig  
Ronna, I

# Underwater Club Roster

## Organizzatore Tecnico e Direttore

Mr. Duilio Marcante  
Scuola Pesca Subacquea  
Nervi, Genova, Italy  
Grossetani "I Cavallucci"  
P.zza De Maria, 23  
Grosseto, Italy  
Societa' "San Marco Subacquei  
Bordighera"  
Lungomare Argentina  
S. Marco Beach Bordighera  
Imperia, Italy  
Circolo Cacciatori Subacquei  
"Galeazzi"  
Via Malta 7  
La Spezia, Italy  
Club Subacqueo "Gianni Roghi"  
Via Nizza 4  
Sig. R. De Tomasi  
Gallinoli, Lecce, Italy  
Club Subacqueo Salentino "Rai-  
mondo Bucher"  
Via 95° Reggimento Fanteria n° 24  
Lecce, Italy  
Circolo Cacciatori Subacquei  
Via Roma 6  
Livorno, Italy  
Cannisti Club & Subacquei Lucca  
P.zza S. Michele 30-r  
Lucca, Italy  
Circolo Cacciatori Subacquei "Ver-  
silia"  
Via G. Carudeci 13  
Forte Dei Marmi  
Lucca, Italy  
Centro Sportivo Pirelli  
Sezione Pesca Subacquea  
Viale Sacra 202  
Milano, Italy  
Dopolavoro "ATM"  
Sezione Subacquei  
Piazzale Medaglie d'Oro 2  
Milano, Italy  
C.R.A.L. "ATM" Sezione Subacquei  
Viale Rimembranze 55  
Sig. Abba  
Milano, Italy  
C.R.A.L. Cassa di Risparmio  
Sezione Pesca Subacquei  
Via Erba 2  
Milano, Italy  
Gruppo Subacqueo Siemens  
P.zza Leonardo da Vinci 5  
Milano, Italy  
C.R.A.L. Riunione Adriatica Di  
Sieruta, Sezione Subacquei  
Via Filippo Turati 3  
Milano, Italy  
Circolo Subacqueo Napoletano  
"Massimo D'Asta"  
Via Chiaia 96  
Napoli, Italy  
Societa' Rari Nantes Stabia  
Via IV Novembre 14  
Castellammare di Stabia  
Napoli, Italy  
Club Sportivo Subacquei "Fulgor"  
Via Montalto 122  
Palermo, Italy  
Club Sportivi Subacquei  
Via Terrasanta 77  
Palermo, Italy  
Club Subacquei Padova  
Via VIII Febbraio  
c/o Dr. Rino Chiumiento  
Padova, Italy  
Societa' Subacquei Benelli  
Viale Gramsci 31  
Pesaro, Italy  
Societa' Gorgona Club Pesca Spor-  
tiva Subacquea  
Via Carmignani 6-r  
Pisa, Italy  
Gruppo Sportivo Subacqueo "Del-  
phinus"  
P.zza Mercato 17  
Ravenna, Italy  
Siderno Sub Club "Y.M.C.A."  
Via Marina 7  
Siderno Marina  
R. Calabria, Italy  
Sub Club  
Via Vittoria  
San Giuseppe Bianco  
R. Calabria, Italy  
Sub Club S. Giuseppe-Bianco  
Via Napoli Sig. Scordino Tommaso  
Bianco, Reggio Calabria, Italy  
Circolo Cacciatori Subacquei "G  
Jannetti"  
P.zza Regina Margherita 5  
Civitavecchia, Roma, Italy  
Circolo Cacciatori Subacquei  
Via Michele Mercati 33  
c/o Sig. Volpe  
Roma, Italy

## Associazione Subacquea "Neptunia"

Via Torino 148  
Roma, Italy  
Associazione Subacquea Mari  
(S.A.L.V.A.S.)  
Via Ridolfino Venuti, 10  
Roma, Italy  
Gruppo Sportivo "Dentice"  
P.zza Augusto Imperator 18  
Roma, Italy  
Circolo Subacquei  
Sezione Provinciale  
Via Guardia—Dr. Pagano  
Salverno, Italy  
Circolo Subacqueo "Leon Pancaldo"  
Corso Italia 29 c/o Coni  
Savona, Italy  
Circolo Subacquei Torino  
Via V. Alfieri 6  
Torino, Italy  
Circolo Subacquei Piemontesi  
Via Bogino 9  
Torino, Italy  
Gruppo Scuole "Cemm"  
Sezione Sub.  
Frazione S. Vita  
Taranto, Italy  
Societa' Subacquea "Murena"  
Via Vitt. Emanuele 83  
Sig. A. Briganti—Talsano  
Taranto, Italy  
Societa' Subacquea "Atlantides"  
Via Capitano Gigante 51  
Sig. Mele Vittorio  
Sava, Taranto, Italy  
Societa' Cacciatori Subacquei  
"Dario di Giudicibus"  
Viale Virgilio 44  
Taranto, Italy  
Unione Subacquei "Julia"  
Via Santa Caterina, 7  
Trieste, Italy  
Sports Club Venezia  
(Sport Subacqueo)  
Calle del Camerò 4692  
San Marco, Venezia, Italy  
Circolo Nautico Chioggia  
Rivetta Vige  
Chioggia, Venezia, Italy

## MOROCCO

GERS Maroc  
Epi prignaud  
Casablanca Port, Morocco  
Club Suba quatique Marocain  
23 Avenue Jeanne d'Arc  
Fes, Morocco  
Aqua club de Moulay Bousselham  
c/o M. Fleury "La Cellulose"  
B.P. 28  
Sidi Yahia du Gharb, Morocco  
Group d'activites sous marines de  
l'Association Tremplin  
Rabita—Maison des Jeunes  
Rue du Port  
Fedala, Morocco

## NEW ZEALAND

New Zealand Underwater Research  
and Spearfishing Association  
P. G. Lennard  
P.O. Box 3236  
Auckland, New Zealand  
Bay of Islands UW Research &  
Spearfishing Club Inc.  
K. Johnston  
P.O. Box 87  
Kaikohe, N.Z.  
Whangarei UW Spearfishing  
Club Inc.  
Mrs. L. P. Simmons  
1 Apirans Ave  
Whangarei, N.Z.  
Auckland Underwater Club Inc.  
P.O. Box 3236  
Auckland, N.Z.  
Waikato Underwater Club  
Mrs. J. O. Blackwood  
14 Cunningham Rd.  
Beerscourt, Hamilton, N.Z.  
Penguin Underwater Club Inc.  
R. J. Longley  
4 Willow St.  
Tauranga, N.Z.  
Tangaroa Underwater Club  
W. Ohai  
Welcome Bay R.D.  
Tauranga, N.Z.  
Whakatane Underwater Spearfish-  
ing Club  
M. H. Spit  
c/o R. P. Dairy Co.  
Edgecumbe, N.Z.

## Napier Spearfishing Club

Miss R. K. Sellar  
26 Havelock Rd.  
Napier, N.Z.  
Hastings Underwater Club  
A. Dobbins  
8 Vigor Brown St.  
Napier, N.Z.  
New Plymouth Underwater Fishing  
Club  
K. A. McBurney  
21 Tukapo St.  
Westown, New Plymouth, N.Z.  
Wanganui Underwater Club  
J. C. Baker  
5 Birrell St.  
Genville, Wanganui, N.Z.  
Wairarapa Underwater Club Inc.  
D. K. Christiansen  
P.O. Box 10  
Masterton, N.Z.  
Hutt Valley Underwater Club  
R. Monaghan  
No. 2 Flat  
Lothian Court, Jackson St.  
Petone, N.Z.  
Wellington Underwater Club  
P.O. Box 2571  
Wellington, N.Z.  
Marlborough Underwater Club  
B. Hildreth  
Rose St.  
Blenheim, N.Z.  
Canterbury Underwater Club  
S. S. Phillips  
P.O. Box 1379  
Christchurch, N.Z.  
South Canterbury Sub-Aqua Club  
M. White  
110 Stafford St.  
Timaru, N.Z.  
Ottago Underwater Club  
G. Hutton  
3 de Lacy St.  
Ravensbourne, Dunedin, N.Z.  
Dolphin Club Inc.  
Miss J. B. Wood  
Eversleigh Rd.  
Takapuna, Auckland, N.Z.  
Manawatu Underwater Research &  
Spearfishing Group  
J. Dobbs  
539 Main St.  
Palmerston North, N.Z.  
Mercury Bay Underwater Club  
G. White  
P.O. Box 51  
Whitianga, N.Z.

## NORTH AFRICA

Benghazi Military Sub-Aqua Club  
The Secretary  
HQ Cyrenaica District  
B.F.P.O. 55  
North Africa

## NORWAY

Undervannsbattispekajonen  
Marineholmen  
Bergen, Norway

## SAUDIA ARABIA

Persian Gulf Underwater Group  
Milo Cumpston  
Arabian American Oil Co.  
Ras Tanura, Saudia Arabia

## SCOTLAND

Dundee Sub-Aqua Club  
c/o Mr. Stan Stamper  
8, Noran Ave.  
Dundee, Angus, Scotland  
Undersea Research Group  
40 Cotton Road  
Dundee, Angus, Scotland  
Edinburgh Sub-Aqua Club  
c/o Miss C. Currie  
8 Ethel Terrace  
Edinburgh, Scotland  
Scottish Sub-Aqua Club  
c/o Frank Galloway B.Sc.  
A.R.C.S.T.  
38 Kilmount Ave.  
Glasgow, Scotland

## SOUTH AFRICA

Dolphin Underwater Club  
c/o N. Baldwin  
2 Canadia Court  
Belmont Terrace  
Port Elizabeth, South Africa

## SOUTH AMERICA

ARGENTINA  
Asociacion Argentina de Caza y  
Exploracion Submarinas  
Richard Aldao  
Carabelas 344 F. Piso  
Buenos Aires, Argentina

## BRAZIL

Centro Brasileiro de Pesquisas Sub-  
marinas  
Av. Franklin Roosevelt, 126  
Sala 309  
Rio de Janeiro, Brazil  
Associacao Brasileira de Caca  
Submarina  
R. da Quitanda, 62-4°  
Rio de Janeiro, Brazil  
Clube Paulista de Pesca Submarina  
R. Casper Libero, 58 Sala 1106  
Sao Paulo—Est. de Sao Paulo  
Brazil  
Clube de Caca Submarina de Icarai  
R. Lopes Trovão, 105 casa 2  
Niteroi—Est. de Rio de Janeiro  
Brazil  
Clube do Canal  
Cabo Frio—Est. de Rio de Janeiro  
Brazil  
Clube Recreativo de Caca  
Submarina—  
Mangaratiba—  
Est. de Rio de Janeiro, Brazil  
Clube de Caca Submarina Cabanga  
Av. Dantas Barreto, 564 Sala 305  
Recife, Pernambuco, Brazil  
Clube Catarinense de Caca Sub-  
marina  
Caixa Postal 115  
Florianopolis—Est. de St. Caterina  
Brazil  
Clube de Caca e Pesca de Alagoas  
R. Dias, Cabral, 17  
Maceio—Est. de Alagoas  
Brazil  
Clube do Arpao  
R. Satornino de Brito, 595  
Vitoria—Est. de Espirito Santo  
Brazil

## CHILE

Asociacion Nacional de Hombres  
Rana de Chile de  
Fundada el 12 Marzo de 1955  
Santiago, Chile  
Club de Hombres Rana "Zapallar"  
Luis E. Klein L.  
Casilla 1133  
Santiago de Chile  
Federacion Chilena de Deportes  
Submarinos  
c/o Ivan Zanelli  
Crescente Errazuriz 1779  
Santiago, Chile

## COLOMBIA

Club de Los Caguamos  
Box 1325  
Cartagena, Colombia

## VENEZUELA

Sociedad Venezolana de Actividades  
Submarinas  
Edificio Edison 6 Piso  
Los Chaguarmos, Caracas  
Venezuela

## SPAIN

Centro de Recuperacion e Investiga-  
ciones Submarinas CRIS  
Provenza 282, 3°  
Barcelona, Spain  
Costa Brava Underwater Center  
Roca y Batlle, 5  
Barcelona 6, Spain  
Equip de Recerques Espeleologiques  
Iradier 33  
Barcelona, Spain  
Agrupacion de Estudios Oceanogra-  
ficos y de Exploraciones  
Agrologicas Submarinas  
c/o Club Nautico de Ciudadela  
Ciudadela, Minorca,  
Balearic Islands, Spain  
Centro de Exploraciones Submari-  
nas de San Sebastian CESSS  
Ignacio Gerardo Beristain  
San Sebastian, Guipuzcoa, Spain  
Centro de Investigaciones Subma-  
rinas CIS  
Dr. Francisco Calatayud  
Santander, Spain  
Grupo de Investigaciones Subma-  
rinas de Educacion y Descanso  
Campaneros 12  
Valencia, Spain

## SWITZERLAND

Glaukos  
Mr. Rene Vogel  
Wiesenstrasse 5  
Zurich, Switzerland  
Schweizerisches Unterwasser-Sport-  
Zentrum  
Switzerland

## YUGOSLAVIA

Drustvo Za Podvodne Sportove  
Prilaz J.N.A. br. 8/11  
Zagreb, Yugoslavia

# Underwater Club Roster

## CANADA — CANAL ZONE — MEXICO — PUERTO RICO — UNITED STATES

### CANADA

#### ALBERTA

Calgary Sub-Aquatic Club  
c/o Roger A. McDougall  
3522 First St. N.W.  
Calgary, Alberta, Canada

#### BRITISH COLUMBIA

Lance H. Tanner  
Gen. Delivery  
Kelowna, B.C., Canada

#### Nanaimo Devilfish

98 Milton St.  
Nanaimo, B.C., Canada

#### Alberni Valley Aquateers

Kevan Van Herd  
318 Argyle  
Port Alberni, B.C., Canada

#### Aqua-Soc

University Skin Divers Club  
University of British Columbia  
Vancouver 8, B.C., Canada

#### Vancouver Sub Aquatic Club

4144 E. Pender St.  
Vancouver, B.C., Canada

### NOVA SCOTIA

#### Halifax Free Divers

c/o Donald Chasson  
98 Ralph Devlin Dr.  
Halifax, Nova Scotia, Canada

#### Cape Breton Sub Aqua Club

c/o S. C. Naish  
38 Rigby Road  
Sydney, Nova Scotia, Canada

### ONTARIO

#### The Aquateers Club

P. B. Clark  
P.O. Box 7, RCAF  
Camp Borden, Ontario, Canada

#### Sub Mariners of Camp Borden

Box 267  
Camp Borden, Ontario, Canada

#### Hamilton Sub-Mariners

127 Dalewood Ave., S.  
Hamilton, Ont., Canada

#### Hamilton Tiger Sharks UW Diving Club

115 Augusta St.  
Hamilton, Ont., Canada

#### Hamilton YMCA Underwater Club

c/o Aquatic Director—YMCA  
Hamilton, Ont., Canada

#### Kingston Divers

726 Princess St.  
Kingston, Ont., Canada

#### Eticobike Sub-Aqua Club

1 42nd St.  
Long Branch, Ont., Canada

#### Ontario Underwater Council

Camp Borden  
Ontario, Canada

#### Stratford YMCA Scuba Club

YMCA  
Stratford, Ont., Canada

#### Broadview YMCA Atlanteans

Broadview & Gerrard Branch "Y"  
Toronto, Ont., Canada

#### Canadian Sub-Aqua Club

795 Yonge St.  
Toronto, Ont., Canada

#### North York Branch

Canadian Sub-Aqua Club  
795 Yonge St.  
Toronto, Ont., Canada

#### Poseidons Underwater Club

33 Howland Ave.  
Toronto, Ont., Canada

#### The Underwater Club of Canada

P.O. Box 26, Adelaide St. P. Office  
Toronto, Ont., Canada

#### Underwater Club of Toronto

239 Bingham Ave.  
Toronto, Ont., Canada

#### Seahorses

RCAF Station  
Trenton, Ont., Canada

#### K-W Dolphins

c/o J. Conner  
172 Rodney St.  
Waterloo, Ont., Canada

#### The Aqua Demons

c/o George H. Gibb  
776 Bruce Avenue  
Windsor, Ontario, Canada

### CANAL ZONE

El Panama Skin Diving Club  
c/o Balboa YMCA-USO Box 3675  
Balboa, Canal Zone

### Atlantic Skin Divers Assn.

Box 636  
Margarita, Canal Zone

### 'Isthmian Aquamen'

Box 384  
Balboa Heights  
Panama Canal Zone

### MEXICO

#### Anfibios de Colima

Madero #61  
Colima Col., Mexico

#### Club de Pesca Submarina Mitanes,

A.C.  
Avenida Serdan No. 82  
Apartado Postal No. 41  
Guaymas, Sonora, Mexico

### PUERTO RICO

#### Caribe Aquahunters

c/o Ted Crowther  
P.O. Box 1990  
Ponce, Puerto Rico

#### Mislabla Club

Box 179  
San Juan, Puerto Rico

## UNITED STATES

### ALABAMA

#### Magic City Frogmen

P.O. Box 1021  
Birmingham 1, Ala.

### ALASKA

#### Whittier Aquatics Club

c/o Fred Joiner  
Gen. Del.  
Whittier, Alaska

### ARIZONA

#### Arizona Cactus Divers

17 W. Edgemont  
Phoenix, Ariz.

#### Arizona Desert Divers

c/o Donald C. Scott  
333 North Third Avenue  
Phoenix, Arizona

#### Phoenix YMCA Skin Divers

5307 Calle Redonda  
Phoenix, Arizona

#### The Valley of the Sun

YMCA Divers  
Phoenix YMCA—First Ave.  
Phoenix, Arizona

### CALIFORNIA

#### Kelp Kingdoms of Alhambra

c/o Wayne Glover  
1000 S. Fremont Ave.  
Alhambra, Calif.

#### Royal Dolphins

Bob Shelda  
Box 493  
Angwin, Calif.

#### Lucky Divers, Inc.

Duran Mattson  
819 W. Huntington Dr., Apt. 12  
Arcadia, Calif.

#### Rohr Eels

c/o Jack Riley  
3311 Arrowhead  
Arlington, Calif.

#### Bakersfield Frogmen

2706 Brundage Lane  
P.O. Box 3094  
Bakersfield, Calif.

#### Neptunes Raiders

Bob Clark  
13629 Regentview  
Bellflower, Calif.

#### Sea Stars

2814 Empire Ave.  
Burbank, Calif.

#### Bottom Bandits

20845 Community  
Canoga Park, Calif.

#### Val-Ray Divers

20755 Gault St.  
Canoga Park, Calif.

#### San Dieguito Diving Club

2157 Edenburg  
Cardiff, Calif.

#### Carpinteria Hill Divers

Box 807 — 724 Maple Ave.  
Carpinteria, Calif.

#### Carmel Bathing Association

P.O. Box 2365  
Carmel, Calif.

#### Sea Spooks of Chula Vista

186 Murray St.  
Chula Vista, Calif.

#### Aquaphytes

1313 S. Sloan  
Compton, Calif.

### Dolphins

Paul Hoss  
1218 S. Washington  
Compton, Calif.

### Power Divers

1318 S. Center Ave.  
Compton, Calif.

### Sea Downers

Bill Hazen  
11036 Culver Blvd.  
Culver City, Calif.

### Sea Sabres

c/o North American Aviation  
12214 Lakewood Blvd.  
Attn: Dave Dittman 462-4  
Downey, Calif.

### Southern Calif. Skin Divers Club

Bob Fennell  
526 Maryland  
El Segundo, Calif.

### Redwood Ling Lancers

2456 15th St.  
Eureka, Calif.

### The Humboldt Skin Divers

c/o Carl Rector  
2408 Mendow Lane  
Eureka, Calif.

### Fresno Sport Divers

3524 N. Cedar  
Fresno, Calif.

### Kelp Bugs

c/o Richard Angold  
5010 W. 138 St.  
Hawthorne, Calif.

### NRC Kelpworms

Personnel Activities  
c/o Northrop Aircraft Inc.  
1001 E. Broadway  
Hawthorne, Calif.

### Pacific Grove Looney Gooneys

1453 Revere Avenue  
Hayward, Calif.

### Reef Rogues

Dave Molthen, D.C.  
3531 Cudahy St.  
Huntington Park, Calif.

### Snorkels

c/o George Hart  
8811 N. Coast Hwy.  
Laguna Beach, Calif.

### La Jolla Skinsters

Mike Carnohan  
1015 Prospect  
La Jolla, California

### Sea Hawks of So. Calif.

4719 Knoxville  
Lakewood, Calif.

### The Lemon Grove Penguins

Fred Campbell  
6983 Central Ave.  
Lemon Grove, Calif.

### Sea Searchers

275 Tulip Ave.  
Loma Linda, Calif.

### Anguilla Murarena

c/o Wes Smith  
2800 Tulane Avenue  
Long Beach 15, Calif.

### Koral Cavaliers

670th AC & W Sqd.  
San Clemente Is. AFS  
Long Beach 2, Calif.

### Long Beach Douglas Tridents

2230 Mira Mar  
Long Beach 15, Calif.

### Long Beach Neptunes

P.O. Box 3424  
Long Beach 3, Calif.

### Sea Combers

Larry Hooberry  
NAS Los Alamitos  
Long Beach, Calif.

### Sons of the Beaches

c/o Rod Bailey  
3619 Colorado St.  
Long Beach 14, Calif.

### Subaquas

c/o David Jacobson  
2921 Charlemagne Ave.  
Long Beach 15, Calif.

### Aquamen

Carl Swanson  
231 E. 87th St.  
Los Angeles, Calif.

### Lung Busters

c/o Bob Figueroa  
4612 Strang  
Los Angeles 22, Calif.

### International Underwater Spear-

fishing Association  
Los Angeles County Museum  
Exposition Park  
Los Angeles 7, Calif.

### Los Angeles Neptunes

573 Kendall Ave.  
Los Angeles 42, Calif.

### Moaga Skin Diving Club

1117 East 78th St.  
Los Angeles 1, Calif.

### Nisei Kelp Tanglers

Ken Tora  
2225 8th Ave.  
Los Angeles 18, Calif.

### Pescadores

624 So. New Hampshire  
Los Angeles, California

### Placers

Duke Gallagher  
1625 Sunset Plaza Dr.  
Los Angeles, Calif.

### Sea Bears

Jay Riffe  
4030 W. Slauson Ave. Apt. 1  
Los Angeles 43, Calif.

### Surf Raiders

9851 S. Sepulveda Blvd.  
Attn: S. J. Mitchell  
Los Angeles 45, Calif.

### The Torquas

5151 Alcoa Ave.  
Los Angeles 58, Calif.

### Trojan Seacombers

Paul White  
c/o U.R.A. Office  
University of So. Calif.  
Los Angeles 7, Calif.

### Underwater Photographers Society

of Southern California  
1106 So. Broadway  
Los Angeles, Calif.

### Calif. Council of Skin Diving Clubs

Box 128  
Lynwood, Calif.

### Spartans of St. Benedicts Church

1148 S. Montebello Blvd.  
Montebello, Calif.

### So. Cal. Cormorants

323 N. Ynez Ave.  
Monterey Park, Calif.

### The Whalers

1220 W. Coast Hwy.  
Newport Beach, Calif.

### Kelp Kreepers

6239 Elmer Ave.  
N. Hollywood, Calif.

### Aqua Knights

c/o Larry McKown  
12622 Fairford Ave.  
Norwalk, Calif.

### East Bay Barnacles

c/o Don's Aqua Shop  
354 East 14th St.  
Oakland, Calif.

### Oakland Eels

c/o Jack Tees  
9824 Olive St.  
Oakland, Calif.

### Seafarers

3521 Kempton  
Oakland 11, Calif.

### Oceanside Green Dolphins

Don Caron  
601 Gundaccanal St.  
Oceanside, Calif.

### Kelp Kats of Ventura County

252 Occidental  
Oxnard, Calif.

### Mad Mantas

c/o Gary Passey  
1265 Sea View Ave.  
Pacific Grove, Calif.

### The Muirmen

c/o Frank Hops  
2055 Fox Ridge Dr.  
Pasadena, Calif.

### Pomona Valley Skin Diving Club

61 S. Parcels St.  
Pomona, Calif.

### Shasta Descendants of Neptune Inc.

R. Paul Shepherd  
Box 2828 Buckeye Rt.  
Redding, Calif.

### Fathom Phantoms

744 Whipple  
Redwood City, Calif.

### Aqua Tutus

Mary Talevich  
2558 Clinton Ave.  
Richmond 2, Calif.

### Laguna Free Divers

Attn: R. V. Bowers  
7844 E. Vista Del Rosa Ave.  
Riverside, Calif.

### Les Tortue de la Mer

c/o Jan Goodsite  
4230 Emerson  
Riverside, Calif.

### The Sea Lancers

3840 Sherman Dr.  
Riverside, Calif.



# Underwater Club Roster

**The Kelp Klippers**  
1619 14th St.  
Sacramento, Calif.

**Salinas Sea Dippers**  
Louis Venuti  
8 North 4th St.  
Salinas, Calif.

**Sea Sons**  
1245 14th St.  
San Bernardino, Calif.

**San Diego Kelp Kings**  
C. B. Frost  
2123 Ridge View Dr.  
San Diego 5, Calif.

**Gulls & Buoy**  
15126 German  
San Fernando, Calif.

**Blue Fins Club (Eniwetok)**

David Hughes  
OPNS Det 7126 AU  
APO 187, San Francisco, Calif.

**The Finatics Skin Diving Club**  
c/o Special Services  
APO 328 San Francisco, Calif.

**Fiji Fins Diving Club**  
MAFS-11 MAG-11 1st Marine Air Wing  
FMI c/o FPO San Francisco, Cal.

**Koral Creepers**  
c/o A-2 Navy 14  
c/o FPO, San Francisco, Calif.

**Neptunes Tridents**  
L. Rutledge  
USS Strickland DER-333  
c/o FPO, San Francisco, Calif.

**South Sea Searchers (Agana, Guam)**  
c/o Special Services Officer  
APO 334, San Francisco, Calif.

**Council for Underwater Archeology**  
41 Sutter St.  
San Francisco, Calif.

**The Barbs**

Day Campbell  
168 So. 26th Street  
San Jose 27, California

**Blue Fins**  
Joe Monty  
4183 Gion Ave.  
San Jose, Calif.

**Cormorants Diving Club**  
Bob Moore  
1761 University Drive  
San Jose, California

**Sea Masters**  
Jim Mather  
4065 Hobart Ave.  
San Jose, Calif.

**Sea Serpents**  
1109 Fairview  
San Jose 25, Calif.

**N.A.S. Kelp Kats**  
17054 Via Pasatiempo  
San Lorenzo, Calif.

**Cal Poly Skin Divers**  
Calpoly College  
San Luis Obispo, Calif.

**Poly Divers**  
John W. Money  
675 Toro St., Apt. 2  
San Luis Obispo, California

**Marin Skin Divers Club Inc.**  
c/o Marin Junior Museum  
San Rafael, Calif.

**Newport Harbor Submariners**  
c/o Marjorie Williamson  
2033 S. Birch St.  
Santa Ana, Calif.

**Blue Fins Diving Club**  
c/o Monticito Home Club  
1497 E. Valley Road  
Santa Barbara, Calif.

**The Santa Barbara Orcas**  
c/o Oliver Andrews  
330 E. Mountain Dr.  
Santa Barbara, Calif.

**The Pokey Penguins**  
896 Circle Dr.  
Santa Clara, Calif.

**Douglas Skin Diving Club**  
Santa Monica Div.  
P.O. Box 874  
Santa Monica, Calif.

**Santa Monica Sea Lancers**  
c/o Pierre Coenig  
103 Strand St.  
Santa Monica, Calif.

**Weekenders**  
1731 Cedar St.  
Santa Monica, Calif.

**Sonoma County Reef Runners Inc.**  
Ken Adams  
1026 Jenero Dr.  
Santa Rosa, Calif.

**So. Calif. Water Dogs H2O K9S**  
Chuck Beck  
10749 E. Freer St.  
Temple City, Calif.

**Aqua Ghosts**  
1727 W. 234th St.  
Torrance, Calif.

**Cabzone of L.A. Harbor**  
Joseph Julillet  
121 W. 213 Pl.  
Torrance, Calif.

**Shark's Underwater Adventurers**  
c/o Kathy Conley  
4713 Bindewald Rd.  
Torrance, Calif.

**Flying Frogmen**  
8030 Balboa Ave.  
Van Nuys, Calif.

**Makos**  
Tim Johnston  
6520 Sepulveda Blvd.,  
Van Nuys, California

**Neptunes Raiders**  
220 1/2 Sunset Ave.  
Venice, Calif.

**Sea Urchins (Women)**  
3001 Stanford Ave.  
Venice, Calif.

**Women's Underwater Spearfishing Committee—Chairman**  
Kate Miller  
3001 Stanford Ave.  
Venice, Calif.

**Ebbiters**  
709 N. Hyacinth  
West Covina, Calif.

**Romeos**  
13431 Tahoe  
c/o Carrell Manson  
Westminster, Calif.

**Sea Combers**  
c/o Ted R. Heineman  
14239 E. Trumbull  
Whittier, Calif.

**Snorkel Snoopers**  
c/o George Patterson  
23806 Catskill  
Wilmington, Calif.

**COLORADO**  
**Mile-Hi Skin Diver's Association**  
c/o Bill Belger  
6075 Garland St.  
Arvada, Colo.

**Hi-Lo Skin Diving Club of Colo.**  
7660 Raleigh St.  
Westminster, Colo.

**CONNECTICUT**  
**Anthropo-Piscatorial Society of Connecticut**  
Dr. Scott D. Isaacson  
19 Harbor View Ave.  
Branford, Conn.

**Greenwich Neptunes**  
Box 22  
Cos Cob, Conn.

**The Associated Skin Divers**  
Clifford W. Johnson  
34 Avon Dr.  
East Hartford 8, Conn.

**Conn. Council of Diving Clubs, Inc.**  
34 Avon Dr.  
East Hartford, Conn.

**Conn. Sea Devils, Inc.**  
1751 Park St.  
Hartford, Conn.

**Gillmen Club**  
Greater Hartford YMCA  
315 Pearl St.  
Hartford 4, Conn.

**Hartford School of Sport Diving**  
c/o Hartford Park Dept., rec. div.  
550 Main St.  
Hartford, Conn.

**Norwalk Skin Diving Club**  
20 Elm St.  
Norwalk, Conn.

**Northwestern Conn. Skin Divers**  
39 Pine St.  
Torrington, Conn.

**Conn. Underwater Sportsman**  
c/o William R. Kent  
RFD #1 Box 306  
Uncasville, Conn.

**Conn. Sea Lancers**  
Bob Kofuske  
33 North St.  
Wallingford, Conn.

**DELAWARE**  
**Bay Watchers**  
c/o Herb Walls  
45 N. Rodney Dr.  
Edgemoor Gardens  
Wilmington 3, Del.

**FLORIDA**  
**Brooksville Sea Robins**  
Box 602  
Brooksville, Fla.

**Coral Gables Cudas**  
Jim Studeman  
928 Andres Ave.  
Coral Gables, Fla.

**Akwa Kwaks**  
M-Sgt. Jim Mallock  
604 Nakina Dr.  
Eglin AFB, Fla.

**Jacksonville Jetty Jumpers**  
P.O. Box 1323  
Jacksonville, Fla.

**Florida Marine Society**  
Paul Lefebvre  
3401 SW 102nd Ave.  
Miami, Fla.

**Club Glubs**  
William J. Kelley  
2322 NW 98th St.  
Miami, Fla.

**Miami Makos Skin Diving Club**  
P.O. Box 4252  
Miami 42, Fla.

**Miami Morays**  
Don McGee  
11006 NW 62nd Ave.  
Miami, Fla.

**Miami Sea Devils**  
Phil Shaver II  
11220 SW 50th Terr.  
Miami, Fla.

**Mola Mola International**  
Dick Reeves  
1321 SW 37th Ave.  
Miami, Fla.

**S.E. Florida Council of Skin Diving Clubs**  
P.O. Box 42543  
Miami, Fla.

**Reef Divers**  
Bob Phifer  
3921 NW 72nd Terr.  
Opalocka, Fla.

**Florida State Skin Divers Assn.**  
P.O. Box 7373  
Orlando, Fla.

**Panama City Skin Divers Club**  
Ronald Groom  
342 N. Bonita Ave.  
Panama City, Fla.

**Water Wrigglers Club**  
c/o P.A.A./R.C.A. San Salvador  
Patrick AFB, Fla.

**The Coral Cave Men of Treasure Island**  
John Stephan  
9901 Gulf Blvd.  
St. Petersburg, Florida

**The Tampa Trident Club**  
c/o Bruce Urtel  
3015 Ballast Point Blvd.  
Tampa, Fla.

**Palm Beach Fin Divers**  
H. A. Drake  
732 50th St.  
West Palm Beach, Fla.

**Palm Beach YMCA Aqua Knights**  
John McGhee  
512 North Olive Ave.  
West Palm Beach, Fla.

**GEORGIA**  
**Atlanta Skin Divers Club**  
Aliene F. Allen  
YMCA, 145 Luckie St., NW  
Atlanta, Georgia

**Decatur Skin Diving Club**  
3147 Saybrook Dr., N.E.  
Atlanta, 19, Ga.

**Georgia State Skin Diving Assn.**  
c/o E. D. Vezani, Chrm.  
66 Pryor St., N.E.  
Atlanta 3, Ga.

**Snappa's Diving Club**  
182 6th St. NW  
Atlanta, Ga.

**The Moody Aquagators**  
c/o 1/Lt. Peter A. Mattli  
Box #75  
Moody AFB, Valdosta, Ga.

**HAWAII**  
**Puleho Club**  
P.O. Box 375  
Kauakani, Kauai, T.H.

**IDAHO**  
**Helldivers II**  
Boise YMCA  
1104 Idaho St.  
Boise, Idaho

**ILLINOIS**  
**Aqua Rays**  
111 St. YMCA  
Richard Williams  
Chicago, Ill.

**The Bubblers Skin & Scuba Diving Club**  
5045 N. Francisco Ave.  
Chicago 25, Ill.

**Chicago Frogmen**  
1144 W. 87th St.  
Chicago 20, Ill.

**Chicago Submarine Exploration Group**  
Dick Guerine  
1641 W. Irving Park Road  
Chicago, Illinois

**Chicago Underwater Sea-Men**  
Frank Bavirsha  
3212 S. Green St.  
Chicago 8, Ill.

**Greater Chicago Air Bubbles**  
Gerald G. Gill  
6956 S. Peoria St.  
Chicago 21, Ill.

**Old Cats of the Sea**  
6719 S. Kedvale  
Chicago 29, Ill.

**The South Shore Squids**  
South Shore YMCA  
1833 E. 71st St.  
Chicago, Ill.

**Twenty Fathom Club**  
Lawson YMCA—Fritz Strauch  
30 West Chicago Ave.  
Chicago, Ill.

**Northwest Frogs**  
Don Bottari  
9713 W. McLean Ave.  
Melrose Park, Ill.

**Aqua Pis-Cides**  
5 S. Brainard  
Naperville, Ill.

**Depth Chargers**  
4232 N. Octavia  
Norridge 34, Ill.

**West Suburban Fathom Masters**  
Oak Park YMCA  
Oak Park, Ill.

**Denizens of the Deep**  
330 Forest Ave.  
River Forest, Ill.

**Greater Rockford Lung Divers, Inc.**  
1432 Myatt Ave.  
Rockford, Ill.

**Waukegan Diving Club**  
21 Washington Park  
Waukegan, Ill.

**Illinois Council of Skin & Scuba Divers, Inc.**  
7411 W. 109 Place  
Worth, Ill.

**INDIANA**  
**The Mariners**  
7143 Olcott Ave.  
Hammond, Ind.

**Neptune's Nephews, Inc.**  
3750 Ridge Road  
Highland, Ind.

**Indianapolis Aqua Divers**  
9222 Central  
Indianapolis 20, Ind.

**Sub-Surface Sirs**  
523 W. Broadway  
Mishawaka, Ind.

**Richmond Frogmen Aqua Club**  
c/o Max M. Chescourt  
1008 NW D.  
Richmond, Ind.

**KENTUCKY**  
**Mermen of Kentucky**  
Estill Lyons  
1153 Liberty Rd.  
Lexington, Ky.

**Louisville Sous-Marine Skin Divers**  
1923 Taffeta Dr.  
Louisville, Ky.

**LOUISIANA**  
**Bajao Skin Diving Club of New Orleans**  
740 E. Wm. David Blvd.  
Metairie 20, La.

**Dixie Divers Club**  
P.O. Box 8391  
New Orleans, La.

**Ark-La-Tex Divers**  
c/o YWCA  
Shreveport, Louisiana

**MAINE**  
**The Lewiston-Auburn Divers Assn.**  
c/o Resgie Bouchard  
21 Third St.  
Auburn, Maine

**Maine Diving Association**  
John D. Baker, Jr.  
65 Fern Street  
Bangor, Maine

# Underwater Club Roster

## Blue Continent Explorers

Peter L. Merritt  
155 Franklin St.  
Bucksport, Maine  
Coast of Maine Neptunes  
Don Lamont  
P.O. Box 87  
Kittery Point, Maine  
Lewiston Sports Diving Association  
Dr. Lawrence Nadeau  
92 Pine Street  
Lewiston, Maine  
Maine Marine Alpine Club, Inc.  
79 Forest Ave. — YMCA  
Portland, Maine  
Blue Fin Divers Club  
c/o Pete Stein  
Rockland, Maine

## MARYLAND

Chesapeake Mariners  
2615 Taney Road  
Baltimore 2, Md.  
Devil Divers of Maryland  
Carl John Di Julio  
104 La Paix Lane  
Baltimore 4, Md.  
Edgemere Moose Lodge 537  
Water Rescue Squad  
3232 Northview Rd.  
Baltimore 22, Md.  
Maryland Sea Horses  
Russell Bell  
7110 Oxford Rd.  
Baltimore 12, Md.  
Maryland Water Bugs, Inc.  
Box 7184  
Baltimore 18, Md.  
Langfish  
c/o Keith R. Schreiber  
310 Glenrae Dr.  
Catonsville 28, Md.  
Ocean City Skin Divers  
George W. Feehley  
43 St.  
Ocean City, Md.  
Societe d'Ivre des Petites  
Profondeurs (SIPP)  
Fred Smart  
7409 18th Ave., Apt. 207  
West Hyattsville, Md.

## MASSACHUSETTS

New England Divers Frogman Club  
26 Arthur St.  
Beverly, Mass.  
Aqua Explorers Club of Boston  
Wm. Englemann  
21 Portland Street  
Boston 14, Mass.  
Boston Sea Rovers  
YMCA  
316 Huntington Ave.  
Boston, Mass.  
Massachusetts Sea Lancers  
Thomas Wilson  
136 Elm St.  
Cambridge 40, Mass.  
Neptunes  
Chelsea YMCA—  
Robert Teraskiewicz  
297 Shurtleff St.  
Chelsea, Mass.  
The Fathoms  
C. A. Van Winkle  
Duxbury, Mass.  
The Aqua Teers Diving Club  
116 Holyoke St.  
East Hampton, Mass.  
Fairhaven Whalers  
Brad Luther, Jr.  
66 N. Summer St.  
Fairhaven, Mass.  
Skin Diving Whalers  
E. B. McConnell  
P.O. Box 1885  
Fall River, Mass.  
Leominster Civil Defense Rescue  
Diver Unit  
22 Crocker Ave., Whalom  
Fitchburg, Mass.  
South Shore Sea Creatures  
1 Otis Hill Rd.  
Hingham, Mass.  
Millbury Frogmen  
c/o Leonard Gagliardi  
187 Main St.  
Millbury, Mass.  
Boston Sea Rovers  
Walter Feinberg  
135 Ridge Ave.  
Newton Center, Mass.  
Pittsfield Diving Association  
Harold Fuller  
139 Cloverdale St.  
Pittsfield, Mass.

## Massachusetts Amphibs

64 L Street  
South Boston, Mass.  
Massachusetts Sea Lions  
P.O. Box 1506  
Springfield, Mass.  
Bay State Aqua Club  
c/o Gerald Comeau  
6 Minot St.  
Stoneham 80, Mass.  
South Shore Neptunes  
c/o Hank Ross  
145 Circuit Ave.  
Weymouth, Mass.  
Northeast Council of Skin Diving  
Clubs, Inc.  
275½ Lake St.  
Worcester, Mass.

## MICHIGAN

Ann Arbor Amphibians  
Jean M. White  
922 W. Huron St.  
Ann Arbor, Mich.  
Battle Creek Aqua Club  
Sub Norma — Al Sharp  
P.O. Box 870  
Battle Creek, Mich.  
Underwater Explorers Assn.  
John E. Owen  
507 N. Farragut St.  
Bay City, Mich.  
Twin City Aqua-Fins  
R. David Lewis  
400 Parker Ave.  
Benton Harbor, Mich.  
Dolphin Divers  
c/o Bob Wanser  
1714 Linden  
Dearborn, Mich.  
Lincoln Sharks  
Miss Toulia Liacakes  
22949 Hollander  
Dearborn, Mich.  
Sea Kings of Detroit  
Kit Gusella  
15453 Kentfield  
Detroit 23, Mich.  
Treasure Unlimited Diving Club  
Norman Dee Swanger  
18094 Sorrento  
Detroit 35, Mich.  
Wayne County Aqua-Men  
James B. Clark  
12443 Walman  
Detroit, Mich.

Aqua Engineers  
c/o Richard W. Malpass, Jr.  
East Jordan, Mich.

Flint Finmen

2437 Stockbridge

Flint, Mich.

Flint Skin Divers Club

1845 Milbourne Ave.

Flint 4, Mich.

Superior Seals Diving Club  
Michigan College of Mining &  
Technology

Houghton, Mich.

Aquatic Exploration Club

Johnnie's Appliance Shop

220 E. Hughitt St.

Iron Mountain, Mich.

Bluefin Divers

923 Leblanc

Lincoln Park 25, Mich.

Michigan Aqua Squadron

1024 Boston

Pontiac, Mich.

Utica Scuba Divers

47780 Ryan Road

Utica, Mich.

Wayne County Aqua-Men

c/o John Spence

2614 Linville St.

Wayne, Mich.

Eastern Michigan Skin Diving Club

Merrill A. Hershey

Bowen Field House

Ypsilanti, Mich.

## MINNESOTA

Duluth Divers  
c/o Plaza Sport Shop  
1305 E. Superior St.  
Duluth, Minn.  
Minnesota Skin Divers Club  
16809 N. Scenic Lane  
Hopkins, Minn.  
Les Plongeurs Du Nord  
c/o Hejda's  
317 Chestnut St.  
Virginia, Minn.

## MISSISSIPPI

Pinewaters  
CMR No. 1, Box 1116  
Keesler AFB, Miss.

## MISSOURI

Kansas City Frogman Club, Inc.  
YMCA Downtown  
404 East 10th St.  
Kansas City 4, Mo.  
Kansas City Marine Zoological Club  
Gary Perlstein  
9332 Askew  
Kansas City 30, Mo.  
Aqua-Lugs  
2829 Eastmoor Dr.  
Springfield, Mo.  
Aquateers  
4207 Humphrey St.  
St. Louis 16, Mo.  
St. Louis Scuba Divers Club  
Downtown YMCA  
1523 Locust St.  
St. Louis 3, Mo.

## MONTANA

"Y" Divers of Great Falls  
c/o Fieden's Marina  
Great Falls, Mont.

## NEVADA

Hacienda Skin Divers of Las Vegas  
2919 Decatur  
Las Vegas, Nev.  
Treasure Trove Club of Nevada  
Frank B. Sowerwine  
1908½ Prater Way—P.O. Box 598  
Sparks, Nev.

## NEBRASKA

Midwest Skin Divers  
Mr. Joe Micek  
101 North 20th  
Omaha, Neb.

## NEW JERSEY

South Jersey Skin Divers  
234 Huron Ave.  
Absecon, N.J.  
Underwater Fishermen of N.J.  
c/o Howard Rowland  
1114 Sunset Ave.  
Asbury Park, New Jersey  
Bayonne Barnacles  
Industrial YMCA  
Ave. E & 22 St.  
Bayonne, N.J.  
Sewaren Blue Fins  
121 Carteret Ave.  
Carteret, N.J.

Jersey Coast Frogmen

Ron Smith

168 Forest Ave.

Keansburg, N.J.

Diving Dagongs

Tom Pescherline

11 Iriquois Ave.

Lake Hiawatha, N.J.

New Jersey Skin Diving Club

Montclair YMCA

Montclair, N.J.

Aqua Maniacs

68 Ethan Dr.

Murray Hill, N.J.

Newark Skin Divers

YM-YWCA

Newark, N.J.

Jersey Aquadunkers

c/o Earl Edwards

1961 Roosevelt Ave.

New Milford, N.J.

New Jersey Underwater Sportmen

Central Branch Orange YMCA

125 Main St.

Orange, N.J.

Diving Jets of N.J.

YMCA

Paterson, N.J.

South Jersey Lung & Spear Club

444 Lincoln Ave.

Paulsboro, N.J.

Plainfield Aqua Divers

YMCA Watchung Ave.

Plainfield, N.J.

Sea Dolphins

703 First St.

Secaucus, N.J.

Springfield Skin Divers

89 Salter St.

Springfield, N.J.

Snorkel Snoopers

c/o 3297 Nottingham Way

Trenton 9, N.J.

Trenton Underwater Club

c/o YMCA, 2 S. Clinton Ave.

Trenton, N.J.

## NEW MEXICO

New Mexico Desert Divers  
903 W. Mathews  
Roswell, N.M.

## NEW YORK

Sea Kings  
c/o Garth MacCoy  
137 East Avenue  
Akron, N.Y.  
Albany Skin Diving Club, Inc.  
Paul Amodeo  
39 Miller Ave.  
Albany, N.Y.  
South Shore Skin Diving Club  
c/o Miss Jane Correnti  
15 Farragut Ave.  
Bay Shore, N.Y.  
Trident-Adelphi  
3559 Jean Ave.  
Bethpage, N.Y.  
Adventurers  
2944 Brighton 5th St.  
Brooklyn 35, N.Y.  
American Porpoise Club  
P.O. Box 182  
Van Brunt Station  
Brooklyn 15, New York  
Atlantic Strippers  
1019 Cortelyou Rd.  
Brooklyn 18, N.Y.  
The Bay Seven Spearman  
Stanley Speiser  
229 Bay 31 St.  
Brooklyn 14, New York  
Brooklyn Underwater Club  
132 21 St.  
Brooklyn 15, N.Y.  
Fins Camera and Spear Club  
339 18 St.  
Brooklyn 15, N.Y.  
c/o Statler  
New York City Amphibians  
Bedford Branch YMCA  
1121 Bedford Ave.  
Brooklyn 16, N.Y.  
Shellbank Skin Divers  
407 Allen Ave.  
Brooklyn, N.Y.  
Bronx Union YMCA  
470 East 161 St.  
Bronx 51, N.Y.  
New York Amphibians  
c/o R. Irvin  
965 Tinton Ave., Apt. 12c  
Bronx 58, N.Y.  
Scuba Inc. Bronx UW Explorers  
c/o Bronx Union YMCA, 461 E. 161  
Bronx, N.Y.  
Buffalo Aqua Club, Inc.  
3941 Bailey Ave.  
Buffalo 15, N.Y.  
Buffalo Aqua VII  
89 Ledge St.  
Buffalo, N.Y.  
Cambria Hts. Jr. Skin Diving Club  
Gary Rauscher  
119-17 217 St.  
Cambria Hts. 11, N.Y.  
Long Island Aquaholics  
Bill Christian  
3 North Blvd.  
East Rockaway, N.Y.  
Long Island Sharks  
Harold Switts  
146 Fallwood Pkwy  
Farmingdale, N.Y.  
Empire State Underwater Council  
P.O. Box 165  
Flushing, N.Y.  
Long Island Dolphins, Inc.  
P.O. Box 165  
Flushing 52, N.Y.  
Treasure Trove Divers  
A. J. Stewart  
2922 164 St.  
Flushing 58, N.Y.  
Long Island Skin Divers  
c/o Box 808  
Glenwood Landing, New York  
Sous-Marin  
Fred Schmitt  
193-05 Nero Ave.  
Hollis 23, N.Y.  
Long Island Sea Lions  
c/o A. Solecki  
150-18 Yates Rd.  
Jamaica 33, N.Y.  
Lake Serpent's Diving Club, Inc.  
215 Erie St.  
Lancaster, N.Y.  
Creatures from the Blue Lagoon  
c/o Bill Salter  
49 Stuyvesant Ave.  
Larchmont, N.Y.

# Underwater Club Roster

## Westchester Tritons

Box 204  
Larchmont, N.Y.  
L. L. Cudas  
Robert Studen  
11-67 41 St.  
Long Island City 3, N.Y.  
Aqua Aces Skin Diving Club  
c/o Bill Astwood  
40-86 81 St.  
Middle Village 79, N.Y.  
All American Skin Diving Org.  
124-11 28 Ave.  
College Point  
New York, N.Y.  
Manhattan Skin Divers  
Stanley Shabman  
79 Park Terrace West  
New York 34, N.Y.  
The Sea Jesters UW Sports Club  
Pelix Rivera  
177 E. 109 St.  
New York 29, N.Y.  
Sea Scavengers  
c/o W. V. Ekstrum Jr.  
Ship Post Office  
U.S.S. Saratoga Cvalio  
TPO, New York, N.Y.  
Staten Island Skin Divers  
c/o Staten Island YMCA  
651 Broadway  
Staten Island 10  
New York, N.Y.  
West Side Squids  
c/o Pool Office—Fred Wicht, Jr.  
West Side YMCA  
3 West 63rd St.  
New York 23, N.Y.  
New York Blackfish  
116 Parkdale Dr.  
North Babylon, N.Y.  
Northshore Spearfishing Club  
c/o Frank Trubisz  
Fort Jefferson Station  
Long Island, New York  
Dutchess Divers, Inc.  
P.O. Box 1322  
Poughkeepsie, N.Y.  
N.Y. State Amateur Skin Diving Assn.  
c/o Mike La Monica  
107-60 126th St.  
Richmond Hill 19, N.Y.  
Suffolk County Sub-Mariners  
c/o W. Main St.  
Riverhead, L.I., N.Y.  
Rochester Sport Divers  
39 Burlington Ave.  
Rochester 19, N.Y.  
Fingerlake Fathometers  
107 Scottsville Rd.  
Rochester 11, N.Y.  
Five Fathoms Club  
Roslyn High School  
Roslyn, L.I., N.Y.  
Spracuse Aqua Kings  
1000 E. Genesee St.  
Spracuse, N.Y.  
Wantagh Coraliers  
1174 Birch Place  
Wantagh, N.Y.  
Ten Fathom  
c/o Allan Boehm  
115 Bert Ave.  
Westbury, N.Y.  
Arma Skin Diving Club  
c/o George Meyer  
39 Fairway  
West Hempstead, L.I., N.Y.  
Long Island Tide Riders  
c/o Al Jacobs  
430 Theresa Ave.  
West Hempstead, L.I., New York  
Yankers U.D.T.  
c/o Ronald Brady  
178 Kimball Ave.  
Yankers, New York  
White Plains Divers Assn.  
32 Lawrence Dr.  
White Plains, N.Y.  
NORTH CAROLINA  
Tahoe Sea Prowlers  
Tommy Morrow  
385 S. Pineview Ave.  
Goldboro, N.C.  
Marganton Aqua-Kab  
Bobby Deaton  
408 East Concord St.  
Marganton, N.C.  
No. Carolina Undersea Divers Club  
c/o Martin Webb  
104 S. Main St.  
Reeford, No. Carolina

## OKLAHOMA

Bluegills Skin Diving Club  
c/o Richard Balderson  
2517 N.W. 10th  
Oklahoma City, Oklahoma  
Scuba Divers Club of Okla. City  
2918 S. Harvey  
Oklahoma City, Okla.  
OHIO  
Cincinnati Diving Club  
Robert G. Laughlin  
7227 Bernard Ave., Apt. 2  
Cincinnati 31, Ohio  
Lake Erie Scuba Divers  
1367 W. 116 St.  
Cleveland 2, Ohio  
Columbus YMCA Skin Divers Club  
Central YMCA  
40 West Long St.  
Columbus, Ohio  
Underwater Explorers  
2524 Sullivant Ave.  
Columbus 4, Ohio  
Dahio Submariners  
240 E. Siebenthaler  
D. R. Tussey  
Dayton 5, Ohio  
Jupiter Skin Diving Club  
4274 Cordell Dr.  
Dayton 9, Ohio  
Neptune Knights  
406 Southwest St.  
Lima, Ohio  
Mansfield Skin Divers Club  
Carl Harris  
937 Evans Ave.  
Mansfield, Ohio  
Sandusky Frogmen  
Ronald J. McGrain  
607½ E. Monroe St.  
Sandusky, Ohio  
Springfield Skin Diving Club  
Central YMCA  
Springfield, Ohio  
Toledo Sub-Mariners  
1832 Raynor Dr.  
Toledo, Ohio  
Buckeye Aqua Ducks  
695 Porter St. N.C.  
Warren, Ohio

## OREGON

Corvallis Fathom Phantoms  
245 Mayberry Lane  
Corvallis, Ore.  
OSC Sea Beavers  
Oregon State College  
Corvallis, Ore.  
Emerald Aquaducks  
370 West 6th  
Eugene, Ore.  
Milton-Freewater Frogmen  
Clyde W. Warner  
320 S. Columbia St.  
Milton-Freewater, Ore.  
The Fathoms Club  
Jerry Hiersche  
4305 S.E. 94th  
Portland 66, Ore.  
Oregon Skin Divers  
Jerry McCarthy  
1014 S.E. Rex St.  
Portland, Oregon  
Reef Seekers Skin Diving Club  
1143 N.E. Leonore  
Portland 11, Ore.

## PENNSYLVANIA

Keystone Aqua Venturers, Inc.  
TV Associates 7th St. Ext.  
Allentown, Penna.  
S.S.S. 34 Scuba Crew  
Robert H. Wertz  
506 E. 21 St.  
Erie, Penna.  
Middle Atlantic Underwater Council  
875 Taylor Dr.  
Folcroft, Penna.  
Harvey's Lake Underwater Divers, Inc.  
Harvey's Lake, Penna.  
Marine Exploration Society  
c/o North Branch YMCA  
Germanstown & Lehigh Aves.  
Philadelphia, Penna.  
Philadelphia Depth Chargers  
Don Mann  
Philadelphia Central YMCA  
Philadelphia, Penna.  
Philadelphia Diving Assn.  
D. C. Kenley  
6323 Sherwood Rd.  
Philadelphia 31, Penna.

## Sub-Mariners of Abington

Harry H. Boardman  
2201 E. Dauphin St.  
Philadelphia 25, Penna.  
Underwater Explorers Club  
3456 North Front Street  
Philadelphia 40, Penna.  
Channel Cats  
Pittsburgh Diving Club  
2534 Braddock Ave.  
Pittsburgh 18, Penna.  
Pittsburgh Scuba Divers  
227 Lothrop St.—Jas. C. Stark  
Pittsburgh 13, Penna.  
Swarthmore Mermen  
c/o Edw. K. Sheldermine  
P.O. Box 251  
Swarthmore, Pa.  
Kings of the Deep  
240 E. Smith St., Box 235  
Topton, Penna.  
Aqua-Explorers Diving Club  
c/o Robt. H. Martin  
RD 1 Trailwood, Box 338  
Wilkes-Barre, Penna.  
RHODE ISLAND  
Rhode Island Underwater Spearfishing Club  
Box 504  
Conimicut, R.I.  
Rhode Island Council of Skin Diving Clubs  
118 Sharon St.  
Cranston, R.I.  
Neptune Explorers  
181 Coggeshall Ave.  
Newport, R.I.  
Newport Underwater Sportsmen's Club  
c/o Walter Conley  
Mary St. YMCA  
Newport, Rhode Island  
West Warwick Skin Divers  
53 Ottawa St.  
West Warwick, R.I.

## TENNESSEE

Knoxville YMCA Skin Divers  
YMCA—Douglas Coulter  
605 Clinch Ave.  
Knoxville, Tenn.

## TEXAS

Amarillo Skin Divers Association  
816 Van Buren  
Amarillo, Texas  
The Baytown Skin Diving Club  
1225 Cedar Bayou Rd.  
Baytown, Texas  
Dallas Divers, Inc.  
4815 Newmore Ave.  
Dallas 9, Texas  
Inland Divers Assn. Inc.  
512 Continental Life Bldg.  
Fort Worth, Texas  
Houston Underwater Club  
George N. Herrera  
7221 Yoe Ave.  
Houston 16, Texas  
Seahawks  
323 W. 28th  
Houston, Texas  
West Texas Seahorse Diving Club  
D. B. Weeks  
3001 28th St.  
Lubbock, Texas  
Tritons  
c/o Bob E. Caudle  
Box 1411  
Odessa, Texas  
Lone Star Dolphins  
351 Saratoga Dr.  
San Antonio 1, Texas  
San Antonio Underwater Club  
102 Denelco Dr.  
San Antonio 1, Texas

## UTAH

Salt Lake Skin Diving Club  
c/o J. Gordon Hansen, President  
856 South 11th East Street  
Salt Lake City, Utah

## VIRGINIA

Flipper Dippers  
Rt. 5, Box 370  
Alexandria, Va.  
Pioneer Skin Diving Club  
3266 S. Utah St.  
Arlington 6, Va.  
Tidewater Skin Diving Assn.  
Mary K. Aveyard  
3129 St. Mihel Ave.  
Norfolk, Va.  
Undersea Explorers Club  
Box 103  
Richmond, Va.

## WASHINGTON

Kelp Keepers  
6029 East Dr.  
Everett, Wash.  
Kelp Kats, Snohomish  
Rt. 1, Box 202  
Lake Stevens, Wash.  
Olympia Dolphins  
Orion Albro  
Rt. 6, Box 557  
Olympia, Wash.  
Olympic Lancers  
Bob Williams  
820 Cline St.  
Port Orchard, Wash.  
Port Townsend Pile Divers  
625 Tyler St.  
Port Townsend, Wash.  
Northwest Underwater Research Group  
c/o Don Tait  
1010 Bellevue Court  
Seattle 2, Wash.  
Nor'West Skin Divers  
c/o Anthony J. Nathe  
1083 East Harrison  
Seattle 2, Wash.  
Puget Sound Mudsharks  
c/o Puget Sound Divers Co.  
2520 Westlake N.  
Seattle, Wash.  
Y Divers Club  
Ken Dulin  
6604 S. 131  
Seattle 88, Wash.  
Wash. Council of Skin Diving Clubs  
John Joachims  
c/o KAYO  
2939 4th Ave. S.  
Seattle 4, Wash.  
Aqua Knights  
2130 W. Dean  
Spokane, Wash.  
Gieger Tiger Sharks  
Box 1451 Gieger Field  
Spokane, Wash.  
Spokane Skin Divers Club  
1420 N. Cedar  
Spokane, Wash.  
Tacoma Scuba Divers  
c/o David E. Curtis  
Market Marina  
618 St. Helens Ave.  
Tacoma, Wash.

## WASHINGTON, D.C.

Undersea Lab. of Washington  
John C. Dudley  
The Croydon, Apt. 501  
1815 17th St. N.W.  
Washington 9, D.C.

## WEST VIRGINIA

The Mountaineer Skin Divers  
c/o The Ohio Valley Yacht Club  
Wheeling, W. Va.

## WISCONSIN

Flying Sharks Club  
1205 E. Pacific St.  
Appleton, Wis.  
Eau Claire Skin Divers  
736 Irvine St.  
Chippewa Falls, Wis.  
Badger Divers  
c/o R. D. Francisco  
418 Jefferson St.  
Fort Atkinson, Wis.  
Neptunes Nimrods  
Donald R. Collard  
1227 Eastman Ave.  
Green Bay, Wis.  
Keno Aqua Club  
921 40th Pl.  
Kenosha, Wis.  
Kenosha Gillman  
7626 Sheridan Rd.  
Kenosha, Wis.  
Neptunes Nomads  
c/o Wolcott Anderson  
529 E. Lincoln Ave.  
Little Chute, Wis.  
Madison Diving Club  
Leroy Abrahamson  
622 Gately Terrace  
Madison, Wisconsin  
Midwest Amphibians  
P.O. Box 1524  
Milwaukee, Wis.  
The Icebergs  
co Vince Jordan  
Skin Diver's Supply Hdg.  
Star Route 2  
Rhinelander, Wis.

## WYOMING

Rocky Mountain Divers  
340 Sweetwater St.  
Lander, Wyo.





News from around  
the globe compiled and  
edited in Skin Diver offices.

Local diving news from readers welcomed.

**SHORTSNORT:** Here's a "nosey" one from a **California** columnist: "That guy walking around with a bemused look on his face would be **Bob Moldavan**, the noted skin diver. Few days ago—in the driving rain—he and some of his buddies donned their shiny black skin diver suits and plunged into the surf off **Linda Mar**. Surfacing a few minutes later, **Moldavan** hollered to one of his friends, got no answer, paddled closer, yelling 'whatsamatter, you **DEAF?**'—and found himself nose-to-nose with a sea lion! 'I don't think he was deaf at all,' grumbles **Bob**. 'Just stuck up.'"

**SAN LEANDRO, CALIFORNIA** — Fate sometimes works in inscrutable ways. **Bernice Rousseau** was thrown from her car into the Bay when her car slammed against a railing of **San Mateo Bridge**. **Lincoln Sargent**, a truck driver who saw the accident, grabbed some rope, tied it to the railing and climbed over the side to rescue **Miss Rousseau**. The impact whipped open the door and hurried the college coed out of the car and over the four foot railing into the water, unhurt. The trunk of the car also came open and out flew her skin diving equipment. It plopped into the water at her side. Sounds almost like an invitation.

**CHICAGO, ILLINOIS** — A really unique new service for advertising agencies, film companies, industrial firms, magazines and other organizations has been launched in **Chicago** by one of the nation's top skin divers and underwater photographers. Called **Adventure, Inc.**, the organization, according to founder **Jim Thorne**, "will take still or motion pictures of any subject anywhere in the world including underwater." In addition to undersea photography, for which **Thorne** anticipates a heavy demand (there are three films already in planning), the new firm will offer counsel to motion picture firms outdoor or scientific publications and a location guide service is also available. The testing of certain types of new equipment is a final service which **Adventure, Inc.** offers.

**GEONA, ITALY**—Skin diver **Giuseppe Gerrotti** is on his way to **Marseille** in a 10 foot

plastic boat. He is carrying a cask of water, but no food. The 22-year-old intends to skin dive for fish and cook them on an alcohol stove. With good weather he hopes to row the 210 miles to **Marseille** in three weeks.

**FLINT, MICHIGAN**—The **Cuadro Pescadores** have been instrumental in promoting passage of a bill through the **State Senate** which will permit the spearing of rough fish in waters designated by the **Conservation Department**. The bill will allow the use of power spears, rubber or spring propelled, in taking rough fish such as carp, dogfish and gar pikes. **CO<sub>2</sub>** guns will be prohibited.

**CORONADO**—A parley of pickle packers make the news when **The Dutchess of Dill** served soggy sandwiches and pickles at the bottom of the **Hotel del Coronado** pool. A pickle publicist dreamed the idea up to put pickles in the papers.

**ADELAIDE, AUSTRALIA**—Next stop for underwater idiosyncrasies—**Australia** and an underwater pajama party. Members of the **Adelaide Octopus Club** held the novel party at the bottom the sea of **Port Noarlunga** jetty. Refreshments were enjoyed (?) and a target shoot held.

**TIGARD, OREGON**—Police diver **Harvey Grohs** and newsmen **Jim MacLean** were forced to abandon a search of the treacherous snag-filled **Tualatin** near **Wankers Corners** in a hunt for television and radio sets dumped in the river by one of three **Portland** burglary suspects. **Grohs'** suit was slashed by debris and cold and poor visibility forced **MacLean** to give up the search.

**ASTORIA, OREGON**—Diver **Morris Devine** made extensive investigation of damage to **Sause Bros.** tug **Columbia Queen** following the loss of the tug's rudder and being hung up on a sandbar. The tug is now undergoing repairs in drydock.

**MEDITERRANEAN**—Divers and archaeologists from **Israel** and the **United States** will start underwater archaeological excavations

in the Mediterranean this spring in an attempt to discover the ancient harbor of **Caesarea**. A preliminary survey made last year showed the outlines of the old harbor which appeared to be about four or five times larger than the present one. For many years fishermen off **Caesarea** have been catching jugs, vases, lamps and other objects dating back to 1500 B.C. in their nets.

**MIAMI, FLORIDA**—Skin diver **Jacques Mayel** is probably the first man ever to hitch a ride on a tiger shark. He latched a ride on a thousand pound thirteen footer in the **Miami Seaquarium**—with a bevy of harpoon equipped divers standing by topside if anything went amiss.

**LOS ANGELES, CALIFORNIA**—A 30-ton killer is roaming the **California** coast making forays into such well-known waters as **Santa Monica** and **Monterey Bays**. This monster is the killer whale which according to zoologist **Dr. Richard Boolootian** may perform its deeds of mayhem or mirth four or five feet offshore, depending on its mood and the depth of the water. There is no record of a killer whale killing a human, according to **Dr. Boolootian**, but skin divers should take immediate steps to get out of the area once the easy recognizable fin (large triangular dorsal fin which sticks four to seven feet out of the water) is sighted.

**MELBOURNE, AUSTRALIA**—Skin divers in **Australia** are keeping ichthyologists at the **South Australian Museum** busy classifying new species of underwater life. **T. D. Scott** of the museum finds the job of classifying and describing the species sent to him by skin divers is fast becoming a fulltime job.

**KELLEYS ISLAND, OHIO**—**Kelleys Island**, a summer resort community located in **Lake Erie** north of **Sandusky**, was without heat and electricity, its underwater power lines apparently pinched and broken by the big breakup of ice between the island and shore. **Ohio Edison Co.** crews had located the break and expected to call skin divers from **Sandusky**. Break in the 22,000 foot cable is approximately 200 feet off shore.



**EASTON, PENNSYLVANIA**—A winter diving demonstration staged by the **Byram Township First Aid and Rescue Squad** at **Lake Hopatcong** was punctuated by misadventures. The hard-hat diver got fouled in the rigging of a wrecking truck winch that was to lower him into the icy water. The diver went in later for a dive but quickly emerged when he found the suit had been ripped by the encounter with the winch. Then a man dressed in street clothing stepped from the dock onto the dangling diving platform. The winch was disengaged completely this time and the man and platform splashed into six feet of icy water. Three skin divers later ended the demonstration by swimming under the ice.

**MONTREAL, CANADA**—Divers from **Riviere Des Prairies** joined in the search for 11 victims of a bridge construction project. There were only three survivors out of a group of 14 workers when the sides of a high coffer dam buckled under the pressure of an ice jam on the northern outskirts of **Montreal Island**.

**SANTA ROSA, CALIFORNIA**—Skin divers recover a valuable glass pitcher from the waters of **Lake Sunapee**. The pitcher made by a **Pennsylvania** firm was valued at \$50.

**HAMILTON, OHIO**—Dayton divers join the search for a missing 16-year-old boy believed drowned in the **Great Miami** river. **Darel Davis** has been missing since a car in which he was riding plunged through a guard rail and into the river.

**ASTORIA, OREGON**—Skin divers will be used to find out whether the gillnet boat owned by **Jack Rogers** is attached to the other end of a net that was discovered by **Jerry Rogers**, son of the missing **Jack Rogers**. **Coast Guardsmen** believe that a boat or something heavy is holding the net in one spot. **Rogers** and a fishing companion, **Dave Hanson**, disappeared while on an inspection trip to the fishing grounds off the **Megler** ferry channel.

**JERUSALEM, ISRAEL**—Among the entertainment being prepared by this state, which is beginning a one year celebration of its tenth anniversary as a state, is a skin diving excursion in the **Gulf of Elath** or along the **Mediterranean** coast with members of a newly organized club which will rent equipment to the tourists.

**SACRAMENTO, CALIFORNIA** — Today's **California** gold prospector is equipped with masks, fins and lung compared to his fore-runner's pick and shovel. One of these modern day prospectors, **Bert Taylor of Sacramento** said he usually makes about \$25 during a weekend with his fascinating hobby underwater.

**BRISBANE, AUSTRALIA**—Divers have inspected a 150 foot sunken iron barge in the **Brisbane** River to find out what steps can be taken to raise it. The vessel, the **Crocodile**, is in 11 feet of water at **Hawthorne** and must be removed by order of the **Harbours and Marine Department**.

**PORTLAND, OREGON**—An undersea motion picture "Father Was a Skin Diver" taken by **Dr. George Pasto**, three time winner of the **Portland Cine Club** "best film of the year" award was shown at a recent meeting of the **Portland Cine Club**. **Dr. Pasto** filmed most of the footage in deep water off **Santa Catalina Island in California**. The hour long adventure comedy in color and sound sympathetically portrays skin diving especially when indulged in by a near 60-year-oldster.

**NEW YORK**—Most recent report on the sunken **Andrea Doria** salvage project is that an urgent call is out for divers, offering 20% over the customary \$75 an hour.

**LAKE MILTON, OHIO**—The **City Park and Recreation Commission** prohibited all skin diving, scuba diving, ski jumps, kite skiing and flying boats on **Lake Milton**.

**WHEELING, WEST VIRGINIA**—Wheeling police department has received the volunteer services of a skin diver to prowls the murky depths of the **Ohio River** if necessary. **Don Cornella**, a member of the **Mountaineers Skin Divers**, notified the police that his services are available to the department any time free of charge.

**ORANGE COUNTY, CALIFORNIA**—The "Gray Ghost" has once again returned to haunt the residents along the **Laguna** and surrounding coastline. Twenty-five years ago a whaling boat and a 65-foot-long sperm whale entangled. The crew aboard the whaler succeeded in harpooning the "Gray Ghost", but the whale after upsetting one of the small boats and parting the line joining the harpoon sounded. Days later the body of the whale drifted into **Newport Harbor**. It was hauled out of the harbor, but three days later washed ashore at **Laguna**. Another boat tried to pull the mammal off the beach but only succeeded in pulling the whale apart. As the stench of the rotting remains became unbearable, the citizenry became short tempered. The "Gray Ghost" was cremated and the bones hauled out to sea. Now the "Gray Ghost" has once again returned as two divers, **John Sanders** and **Joe Armfield** bring up a 7 foot bone from the bottom of the ocean while engaged in salvage work off **Seal Rock**. The pectoral fin bone of a sperm whale was burned—the calling card of the "Gray Ghost" that has once again returned to its old haunting grounds.

**UTICA, MICHIGAN**—**John Winter, Kenneth Sulkowski, Harvey Curtis** and **Richard Beckman** will assist in the search for 6-year-old **Gerald Thacker** believed drowned in **Clinton River**. The four divers are awaiting the completion of a long narrow trench in the 14 inch crust of ice that coats the river.

**LODI, CALIFORNIA**—An underwater search by privately employed skin divers failed to turn up any trace of **Harold C. March** who vanished when his automobile was found in the **San Joaquin River** at the southwestern edge of **Stockton**. The search will probably not be resumed according to **Earl E. Higgins**, leader of the search team and president of the **Stockton Sturgeons**.

**MELBOURNE, AUSTRALIA**—**Marcus Burke** had a close encounter with a shark—but lost only the tip of his fin. The 16-year-old diver was returning to shore with a breem he had speared when a shark tore the fish from the spear and swam away. **Burke** heading for shore felt a tug at one of his flippers and the shark shot past him. Terrified and still in deep water, he stopped kicking and swam ashore with as little splashing as possible.

**BOISE, IDAHO**—Members of **Helldivers II** were credited with finding a small leak in the **Diversion** dam east of **Boise** on the **Boise River**. It was the first leak since the dam's completion in 1909. The four divers reported that a hole about two feet wide and a foot deep had been worn away in the concrete at the bottom of the gate.

**SAN RAFAEL, CALIFORNIA**—Hampered by mud and tides, an **Army and Air Force** salvage team continued efforts to recover the bodies of two **Hamilton Air Force Base** fliers aboard an **F89 Scorpion** jet fighter that crashed and burned in the shallow water of **San Pablo Bay**.

**PERTH, WEST AUSTRALIA**—Six spearfishermen were accidentally marooned all day when a group of **Undersea** club members made a diving trip to **Ledge** point. The six jumped overboard while the big spearfishing boat was towed into **Thompson Bay** by the group's second boat. The engine trouble was repaired and a flag hoisted to recall all divers from the water. The six divers did not see the flag, but were later spotted on **Phillip Rock** and were left there.

**LOS ANGELES, CALIFORNIA**—**Douglas'** diving rescue group put into effect recently months of training when they were called to aid in the rescue of a downed **F4D Navy** jet pilot. The **Helldivers** successfully rescued the pilot, **Leo J. Colapietro**, **Douglas** production test pilot. (See **SKIN DIVER** January 1958 for story of **Helldivers**).

**MONTEREY, CALIFORNIA**—The possibility that the legendary **Madre Beta** of **Monterey County** has been discovered arose with reports of a fantastically rich gold vein struck 80 miles south of **Monterey** by two young prospectors, **James Pauley, Monterey**, and **Gerald A. Doyle, Seaside**. They have found quartz that assays for \$2,690 a ton. The pair believe their vein is three feet wide and 60 feet long. The pair blasted out enough ore for a general assay, but during the night rain filled the winze. Two divers brought up the ore samples which an assay will determine if the dive was successful.

**SEATTLE, WASHINGTON**—The body of **Larry McDugle**, **Renton** skin diver, was recovered from **Puget Sound** at **Golden Gardens Beach** by another diver, **Charles Fendrych**. **McDugle's** double tank and weight belt were strapped to him.

**MONTEREY, CALIFORNIA**—The body of a 45-year-old skin diver who drowned off **Jade** beach when a rubber life raft capsized was discovered among the rocks at the beach by **Michael Klein, 9, of Hugson**. The victim's two companions escaped injury and were able to swim ashore.

**PUGET SOUND, WASHINGTON** — The present champion of champions in the year round **Octopus Wrestling Tournament** is skin diver **John Tallman**, an outstanding member of the **Puget Sound Mudsharks**. **Tallman** recently surfaced from a skin dive with an octopus weighing 70 pounds and measured 13 feet from tip to tip. Octopus wrestling is all done by hand and there are no spears or gaffs employed.

**MONROE, MICHIGAN**—Divers **Lee Johns** and **Norman Allen** responded to **Monroe Sheriff's** call to recover a body from a car in **Lake Erie**. The car was in 15 feet of water after it crashed through a crack in the ice. Three ice fishermen escaped, the fourth was trapped in the back seat of the vehicle. **Lee Johns** raised the victim in less than six minutes after the initial dive. **Johns** is a member of the **Toledo Sub-Mariners**.

**SEATTLE, WASHINGTON**—**Miss Margie Vinther**, of the **Y Divers Club**, recently became the first local woman to capture an octopus barehanded. **Miss Vinther** subdued and captured the six-foot, ten-pound beast in 90 feet of water near **Redondo, Washington**. **Miss Vinther** is 20 years old and has been skin diving for only one year. She is an instructor in the **YMCA Skin and Lung Diving** classes and is secretary of the **Y Divers Club**. The octopus captured by **Miss Vinther** was displayed for several days in a local aquarium.

# Driftwood

... Hello, again, you characters. I assume you've read the fine articles and the interesting advertisements, and are now ready to curdle all that food for thought by enduring an eye-rop through the trenchant confessions, accounts and dissertations generously offered herein. If you have yet to write a scathing (or a provocative) missive and hurl it at us—please feel encouraged to do so instantly. We need all the zanies and sons of zanies we can garner. If you have contributed previously to this alleged page—please understand that you are invited to make the same mistake again. This remains one place where you won't be maligned for letting failure go to your head: and we'll love you for exactly who you are, hideously offbeat notions and all. However, if you are exceedingly sober-minded and afflicted with cumbersome dignity—kindly ignore this stretch of beach. We only speak nonconformity, around here, and the louder, the better...

I'm disappointed in the Pen Pals section of the March issue. The names listed were all those of boys. I am a member of the male sex and certainly not interested in making any male diving acquaintances. You must be one of those squares who got hooked into matrimony by some female. If you weren't, I'm sure you would include the names and addresses of a few girls in that section of your mess—oops, pardon—your page, so we lucky, unmarried fellows have a chance. So what's the word, daddybird?

CHUCK SAILE  
138 Edgemont Road  
Rochester 20, N.Y.

The word is simply this: You lucky, unmarried guys keep on writing to girls and you'll find yourselves hooked into matrimony by some females. How do you suppose it happens—by telepathy? Besides, Driftwood is not a Young Love Bureau.

It's my opinion, Mr. Kohler, that you are a lecherous old creep. This absurd business of constantly demanding that your readers send in photos of half-dressed and, in some cases, almost undressed women only shows you up for the lecherous old creep you really are behind all that facade of good humor and cutting sarcasm. Why don't you wake up to yourself?

RHEBA GREENE  
Philadelphia, Penn.

If honestly enjoying the sight of attractive girls with nice figures puts me into the lecherous-old-creep category, then that's precisely what I am.

Recently, The Albany Skin Diving Club fulfilled the dreams of every junior member by giving a Scuba Course especially for their benefit. It has long been the hope of the club to provide junior members with a fundamental knowledge of Scuba diving. This course can well mean the difference between life and death to an over-confident, misinformed teenager who rushes to buy a Lung without any previous experience and knowledge of the sport. We hope we may open the eyes of many clubs who deny teenagers membership. For how can we possibly learn if you will not take us under your wing?

ED RASOWSKY (age 14)  
182 North Allen Street  
Albany, N.Y.

How, indeed. Kudos to The Albany Skin Diving Club for doing what every club should have been doing long ago.

Man, some of the pictures of dolls you've been putting in Driftwood are TREMENDOUS! Although I'm unfortunately the shy type, I'm not exactly made of wood. I wonder if you'd advise me how to go about meeting some of those beauties? Man, I'm ready for romance! Have stamps, will write!

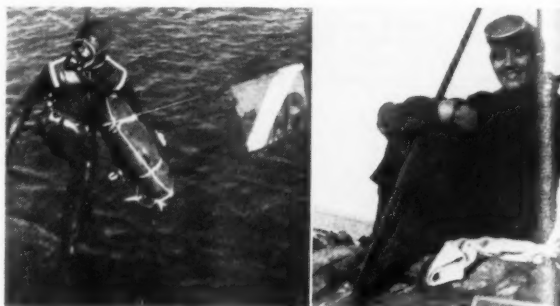
JACK (Lover Boy) HADLEY  
Houston, Texas

I suggest you save your stamps and start haunting the foyer of your local Y.W.C.A. Bring your credentials, of course.

I've never had the opportunity to go skin diving, but I would give just about anything to try it. I'm 14-years old, have blue eyes, blonde hair (not too blonde) and I weigh 110-pounds. If anybody has information about Ichthyology, I would be very happy to receive it since I plan to be an Ichthyologist someday. About a year ago, I read an article about Dr. Eugenie Clark. If she reads this—or if anybody knows her address—I would very much like to get in contact with her. It's very important.

SHARON SCHULING  
1710-C Grand  
Des Moines, Iowa

More important than meeting boy divers like? If the delectable Dr. Clark reads this, why not give an aspiring marine scientist a personal boost in morale to help her make it through all those years of cramming and finals ahead of her.



Hi, uncle rehok! I've been meeting you out on the reefs, every month, for a year now—and I dig your wonderful column. The enclosed pictures were taken on Twin Island (Bronx, N.Y.). The day was a bit on the cool side (34). Jean's photo shows her huddled in her heavy woolen coat which she has on over her dry suit. She went down to the water to get some seaweed for our masks and she returned with the seaweed and two very, very cold hands! I couldn't get her near the water after that! She stayed so close to our small bonfire, you'd have thought she was part of it. She only moved away from the fire long enough to shoot my photo as I came out of the water, carrying my float and diver's flag. Our club has joined the Safety Program by making up cards—showing the diver's flag and its meaning—and mailing them out to various groups. We'll be looking for you in the "floating woodpile" and hoping the weather gets a little warmer.

JEAN & RUDY IRVIN  
965 Tinton Avenue  
Bronx 56, N.Y.

Man, lookit that cool, calm diver casually stalking outa that cool, cool water. Jean's a really cute chick, eh? Given a choice between 34-degree water and a fire—I'd have been helping Jean make the coffee I think.

For what it may be worth to the guys and gals who cannot seem to agree on the Taking Wives Along question, I'd like to report that I saw this sign hanging over the transome of a boat. It read: Help Support Your Local Court of Domestic Relations. Pretty apt, huh?

HUGH BONNER  
San Francisco, Calif.

Yeh, but not quite as apt as the one I saw, recently, dangling from a runtmobile in Balboa which said: HELP STAMP OUT EQUALITY BETWEEN THE SEXES.

I've been reading your column for many months now and want to tell you Driftwood is one of the best parts of the DIVER. From June on, of this year, I'll be living in the Chicago area and would like to know if there are any diving clubs there that will accept 17-year old members. I have my own equipment. I am also interested in corresponding with any female divers in the Chicago area. I sure would like to find diving company. You are the first person who writes a column that has ever given us teenagers half a break.

DAN DANAHY  
Campion H.S.  
Prairie du Chien, Wis.

Yes and the adult world has excommunicated me for doing so, too.

SKIN DIVER—May 1958

For months now, my husband and I have been chuckling over all the pros and cons spilling into *Driftwood* concerning wives flipping along with their better-halves on their excursions into the blue down under. We finally decided that, perhaps, this picture tells more than words possibly could just how we two Ducks, from the Buckeye State, feel about the subject. Our first date (some 6-years ago) was spent discussing the merits of the then-unheard-of sport—for this area—and we have been breaking the water together nearly every weekend since. You'll have to think up some better excuses for keeping this a "hands off" sport for wives if you want to convince us. Besides . . . can you think of a better way to melt the ice for winter diving?



HERB & SALLY HICKMAN  
696 Porter Street, N.E.  
Warren, Ohio

Frankly, no, I cannot. However, I think you err to call it a "hands off" sport in view of the fetching pose.

Kohler, I've reached the conclusion (after tolerating your page for almost two years) that you are (1) girl-crazy, (2) in love with your own opinions and (3) hardly the sort of writer who should be read by innocent, clean-minded young Americans or Europeans who buy *SKIN DIVER* primarily because they are interested in a wholesome sport perfectly designed for decent people with high ideals. Your tainted corner is certainly no credit to skin diving. Why can't you write a harmless, constructive page that would inspire and educate young divers? Why not attempt to offer a more positive viewpoint on things instead of all the time presenting the negativisms and tawdry aspects of humanity?

HAROLD DESMOND  
Los Angeles, Calif.

Probably because I'm a heartless wretch with no ideals—and you've added a jewel to your crown by attempting to untaint wicked, degenerate old me. Now blow, will ya?



I'm sending this picture of my husband, Jim, in hopes of helping to fill your page. Jim has been diving for about two years and he sure likes it. He does most of his diving in Oneida Lake at Sylvan Beach. We enjoy the pages of *Driftwood* very much!

SARA & JIM JONES  
Box 65  
Sylvan Beach, N.Y.

Handsome Dog Jones appears to also enjoy sitting in a comfortable chair, reading about diving. Thanks for letting us see how a skilled diver looks when relaxed, Sara.

Well, Kohler, after two years of reading some of that drivel some of these so-called skin divers send you, I thought I'd add my two-cents. Your page is great and don't let any half-witted son of a water-logged seahorse tell you differently. Say, how about sending a couple of those pics of the SD chicks out my way? Gets mighty lonely, just staring at my tank blocks all winter long. Let's get with it, Kohler—that is, if you don't have your office wall plastered with them.



DICK WEHR  
Beta Theta Pi  
Blythe Hall #39  
Hanover College  
Hanover, Indiana

Not a chance. If I sent you some of the photos of the lovely little dolls who've appeared in *Driftwood*, you'd spend the entire winter staring at them instead of cramming so you can face the world, educated. I'm not going to be responsible for your ignorance. And let's not have any of you gorgeous females out there in *Magazine-land*, copying his above address in order to send him your pictures. Let the lad soak up his education.

SKIN DIVER—May 1958

I am interested in purchasing a Lung this summer, but am having a little trouble selecting one. I would appreciate hearing from some of the other fellows as to which regulators they like . . . and use. I've had comments about different makes and I'm confused. I would like very much to hear from anyone interested in helping a future Scuba Diver.

ROBERT A. SAROCCO  
5449 West Jackson Blvd.  
Chicago 44, Illinois

I like the Aqua-Master, two-stage, myself.

I wish some diehards, like Doris Ledding, would give up trying to discourage teenagers from diving. I would like to know what better things I could buy other than diving equipment. Don't you think she would be much happier if she subscribed to *Ladies Home Journal* or something?

PAUL FLOTHO  
Alhambra, California

But if she did that, Paul, then she couldn't nag at you teenagers and all the fun would go out of her life.



Wanted: some nice, skin diving wife to write to my spouse and explain that it is very normal for a man to want to dive. Enclosed, photo of myself holding the little lady in need of reassurance.

JACK K. NEAL  
1310 Perryville Place  
Ashtabula, Ohio

Insist that he take you along, teach you to dive, Missus Neal.

This is in answer to Mary Beth Jones' letter, March issue of *Driftwood*: I hate to disagree with you because that puts me in the position of agreeing with Kohler, and to be in even mild agreement with a character whose middle name ought to be Sarcasm is against all of my natural instincts toward such maladjusted individuals. However, if *Driftwood* were to be "positiveized" how would the rest of us be provided with opportunity for venting our own inhibitions, and yet remain out of speargun range? Although I doubt Kohler knows which is the business-end of a speargun, he seems to know more about the coffee-pot and "cheese cake" on the beach than he does about the wild blue depths. He's a negativistic-psychotic to be sure, but *Driftwood* is much more interesting to the eye than newly milled lumber.

MARY ANN COLEMAN  
Kelp Klippers  
1925 Willow Avenue  
West Sacramento, Calif.

Girls, girls—I'm not worth fighting over. Really.



Ours was the original diving club in Pittsburgh. We were diving when everybody else said we were crazy to play around underwater. Now, everytime a club is organized, in this town, they claim to be the "original" skin diving club. How about that? Am enclosing a photo showing the officers of our club: (L to R) David L. McConaughty, Howard Reed, James Kuhn and Francis S. Bumbarger.

FRANCIS S. BUMBARGER  
Channel Cats  
2534 Braddock Avenue  
Pittsburgh 18, Penn.

You look disillusioned enough to be the original outfit.

HORRIBLE THOUGHT FOR THE MONTH: "Before we get on to the business of the day, Member Smith wants to know who filled his tanks with a blend of air and laughing-gas. Smith, will you kindly stop giggling so we can clear up this dastardly prank?"

. . . and, so, merry-eyed with the raptures of the shallows, we gambol ashore once again. I assume you'll meet me, here behind the channel-buoy, next month. If you don't, I'll find somebody else who will. Keep diving, stay alive and write constantly.

kordiallike kohler



# NORTHEAST NOTES

By B. W. LUTHER, JR.

Northeast Council of Skin Diving Clubs,  
P. O. Box 225, Fairhaven, Mass.



The first tournament meet of the 1958 season was held February 23rd at York Beach, Maine. Considering weather conditions, quite a group of spectators and divers were on hand. Twenty-four divers entered the Scuba division to search the clear rocky bottom for marked poker chips placed by divers from the host club, the New Hampshire Sea Skates. Water temperature was 34 degrees, water conditions were clear and calm. Weather was fine during the morning, but as the divers prepared for the briefing, a driving snow squall developed dumping three inches in three hours.

Using the buddy system, the Scuba divers searched the "seeded" area for 45 minutes, and at the conclusion of this division, the snorkel divers scoured another "treasure" area for 30 minutes. At the close of the meet, a cavalcade of ice coated divers shuffled from the "Nubbles" in to the warm hall at the York Beach Fire Station, where they de-iced and "coffed down."

Dual trophies were awarded the winners by Northeast Council President Richard Myers and Charles Bowman, Tournament Director for the New Hampshire Sea Skates. First prize in the Scuba event went to Neal Hess and Paul Connelly of the Boston Sea Rovers. Second prize, Richard Haskins and

Cory Horne; third prize, Leonard Saarenen and Paul Davini, Jr. all members of the Worcester Frogmen.

Winner of the snorkel division was Neal Hess who earned top honors in both events. Second place was tied between Fred Calhoun, South Shore Neptunes and Robert Leger, Leominster C. D. Rescue Divers. Third prize was also tied by Ross Andrews, Maine Marine Alpine Club and Warren Bakstran of the Worcester Frogmen.

Other clubs participating in the meet were the South Shore Sea Serpents, Worcester County Spearfishermen, and the Fairhaven Whalers.

Miss Marjorie Turner, Secretary of the Maine Marine Alpine Club, was awarded a special trophy for the women's division. The only female entry, Marjorie placed fourth in the snorkel event out of a possible 13th position.

A new formed point system was placed in effect at this meet, and will continue in force yearly. Basic principle of the system is a fair method of establishing three top divers for the year.

Each participant receives 5 points for attendance. First prize winner in each event receives an additional 25 points, second and third place winners add 15 and 10 points respectfully to their score.

At the February meeting of the Atlan-



Richard Craven and Joseph Gallant of Portland, Maine (Maine Marine Alpine Club), ready to wade into 30 degree water during a Northeast Snow Squall off Nubble Light, York, Maine.



Northeast Council Tournament winners of the Snorkel and Scuba divisions receive trophies from the Council officers. Left to right are: Richard Myers, Paul Connelly, Marjorie Turner, Neal Hess and Charles Bowman. A strong contender during the tournament was a three inch snow storm.

tic Coast Marine Sportsmen's Association held at the New York Athletic Club, the Northeast Council was represented by Vice President Jack Whelan.

The Atlantic Coast Marine Sportsmen's Association is composed of "line" fishermen from South Carolina, North Carolina, Maryland, Delaware, Pennsylvania, New Jersey, New York, Massachusetts and New Hampshire. Attending were delegates representing 167,000 fishermen from 47 clubs. Avowed purpose of the Association was to prevent the slaughter of Striped Bass (Rockfish) by haul seining in the coastal waters. The Association has been active in attempting to have a Federal law passed which would make the taking of Striped Bass illegal except by hook and line. Two states now have a hook and line bill, New Jersey (where spearfishermen can take Bass) and Massachusetts (where they can not be taken by spearfishermen).

The Association was acquainted with the aims of underwater groups and generally conceded that they had no objection to the taking of Striped Bass by spear. It was pointed out however, as in the case of Massachusetts, that the wording of the bills proposed for each of the states should permit the taking by hook, line and spear.

The Boston Sea Rovers Fourth Annual Skin Diving Clinic, held at John Hancock Hall March 3rd, was the affair of the year. Guest speaker was none other than the founder of our Scuba sport, Captain Jacques Cousteau and film hereto unseen in the New England area. Most interesting to the author was the film taken of the discovery and salvage of a 2,200 year old Greek galley sunk off Grand Congloue Island, Mediterranean.

Skin diving is becoming quite a family affair all over the country. Maine families are no exception. The Maine Marine Alpine Club is also a family club, with most members joining as a family group. We of the Northeast area believe that this club has more female participants in the sport than any other similar group.

I believe that the Portland Press Herald expressed correctly the average conversation heard when this club gathers—"Honey, would you hold my lung a minute?" "Hey Mom, hand me my snorkel, will you?" "Just a minute, both of you—while I adjust my mask!"

The event publicized by the local newspaper was one of the family nights at the pool, February 24th. Sixty-eight attended, with forty children alone in the pool with their elders. Equipment display, trophy awards, skin diving movies and refreshments shared the program.



# UNDER THE ICE FOR DEPTH

By DANIEL C. WAGNER

I suppose that every club at one time or another has wanted to do something that would make them stand out at least for the moment from all the other clubs. It was this desire plus wanting other people to know that skin diving is more than just a warm weather sport that led our club into the planning of our Record Dive under the ice. We knew that this had to be planned in the safest manner possible because Ice Diving in itself is a dangerous sport unless the proper precautions are taken.

The club members decided that being as George Kronberger and myself had come up with the idea and also had the most experience we would be the ones to make the dive. We selected John Woods, Jerry Kucek and Bob Halcrow as stand by men to be suited up and ready to dive in case of an emergency.

They had a nylon grid line which they would use to search in a circular pattern around the hole for a distance of 250 ft. In the event that either George or I became disconnected from and lost the rope we would come directly up under the ice where we could be seen and found by these circling divers. Our next step was to set the date and check with John Tesch to see if he would help guide our Volkswagen Bus and equipment safely out to where we would dive on the ice. John, who knows Lake Geneva, top and bottom, like the back of his hand, was more than happy to help. He also along with two Safety Patrol members would make the official measurement of the line which would be the deciding factor in determining our depth. The only remaining thing was to check out our equipment to see that everything was in good working order and hope for a nice day.

It was just noon when we called John and told him we were in Fontana and were ready to go as soon as he could get down to us. Some of us had brought Thermos bottles and had them filled with coffee to bring out on the ice. We figured three to four hours before we would be back and hot coffee would go good; even though the temperature was in the 40's and it was a wonderful day for the dive.

John told us that the place to drive out on the ice was at Williams Bay.

Tightly grasping the bottle of sediment from the bottom of Lake Geneva, Wisconsin, Dan Wagner reconstructs the depth dive for fellow club members.



The first persons we met over there were Fire Chief Hanson and two Lake Geneva Safety Patrol men. The Chief said he would have the Pulmotor stand by in case of an emergency and the Safety Patrol men were to go along and make sure that we would take the necessary precautions and to assist us if needed; we were ready now.

Four of us got in the bus and started out for the middle of the lake. The others walked, not wanting to put too much weight in the bus at least until we were sure of the ice. It took six holes and a lot of chopping on the part of Bill Kruger, Carl Ziegler and his dad Jack, before we finally found the spot we wanted. The big ice saw saved a lot of time for the ice was 18 inches thick and that's a lot of chopping even with moral support.

George and I crawled into the bus and began getting into our suits. I chose a 3/16" wet suit and George chose to wear his patched up, reglued and completely reconstructed old dry suit. We both used double tank units with two stage regulators and a constant air reserve. As soon as we finished dressing we assembled our equipment and waited for the standby divers to dress. While they were dressing the 50 lbs. of anchor connected to 250' of 3/4" line was lowered through the 6' square hole down to the bottom of Lake Geneva 140' away.

George and I were connected to the rope and to each other by means of a 1/2" safety rope as an added precaution. We slowly slipped into the cold crystal clear water of Lake Geneva. As

we descended it seemed as though we were in a huge cavern with a beautiful ceiling of ice crystals above us. At about 50' my regulator started to lose air; I signaled George and we returned to the surface so I could change regulators. As we descended for the second time we kept looking up and at 60' could still see people peering over the edge of the ice at us.

As we progressed downward we kept comparing our depth gages: 100', 110, 120, 130, bottom; 140' under the ice. I unscrewed the lid of the jar and handed the jar to George. We could see about 10 to 15', and as I watched, George plunged the jar into the dark murk of the bottom.

I have often heard someone say 140' is not a long way down, and I agree; however 140' is a long way up, especially when you are under the ice. The closer to the surface we got the clearer the water became. We could soon see our ice roof with the small hole; only a couple more minutes now and it would all be over. The faces were there peering over the edge; they got closer and closer, then I pushed the bottle up slowly over the edge of the ice — we made it.

The dive took us a total of 17 minutes and we both remained comfortable throughout despite the 38 degrees water temperature. We still have the sediment that we collected on the bottom and intend on keeping it. The official measurement of the rope was 140' 1/2" which to the best of our knowledge is a world record for a depth dive under the ice with Scuba.

# GIVE THE KIDS A CHANCE!

Give the kids a chance! Does it say someplace that diving is restricted to grown-ups? If it does, then the San Antonio Underwater Club didn't see it! Their doors are wide open to teenagers, and it was never considered they be otherwise.

When Curtis Walker undertook to organize the club, less than six months ago, a notice appeared in the newspaper. From the beginning, membership was never limited to experienced divers. Is any club run that way? To the first meeting there came the seasoned diver, the idly curious, in need of training, and those who had a little knowledge of the sport. But all had a common interest: more diving and less talk. They wanted a club that did something, and not just talked about it.

Among those who assembled for that first meeting were four youngsters. Luke and Lee Lowery, age fourteen and twelve who had some experience. Earlier in the summer, at the request of their father, Curtis had instructed both boys. First the boys had learned to use their equipment in a swimming pool. Later they proved themselves to be capable divers in open water, achieving a depth of thirty feet. John and Alex were both seventeen, with two years experience behind them.

The appearance of these young people demanded that some provision be made in the Club's policy to accommodate them. And it was done. A volunteer committee drew up a Constitution

and By-Laws which provided that all members under the age of twenty-one must have written permission from their parents to participate in the club. It further stipulated that members under eighteen be assigned an adult sponsor, known to and approved by their parents. The sponsor would take charge of a minor member, see that he got proper training, and assume responsibility for his safety on club outings. Not a whimper of an objection was ever raised on this point. Minor members brought the necessary paper from home and selected their own sponsor. The only reason any special consideration was given the matter was to protect the club, and reassure the parent that his youngster was being cared for. It never occurred to anyone that these kids didn't belong with the group. Certainly no one felt they had taken on a baby-sitting project!

In contrast, SAUC felt the need to prove itself to the parents of these eager teenagers, so they invited them to attend a meeting, inspect the program, and offer any suggestions they might have. They accepted the invitation, and liked what they saw. Not a single youngster has ever been turned away!

Bill Holloway was a typical beginner. Bill was thirteen when he came to SAUC. He read the notice in the newspaper and telephoned Curtis Walker for more information. He was anxious to learn to dive, but his Father hesitated to give his permission. He wanted

By

PEGGY MARIE WALKER

the boy to learn the right way: the safe way. Bill has come to the right place! He brought his Dad along to the next meeting. With the rest of the group, Bill qualified himself as an extremely good swimmer. (SAUC requires all who desire diving instruction to first prove themselves a good swimmer.) Bill went home happy that night. Having been accepted, he was eager to commence his training. His Dad was happy too, asured that his son was in good hands.

Bill became one of SAUC's most enthusiastic members, and his family rewarded him with his own Aqua-Lung at Christmas. To date, he has passed every test, given by the training committee. In the spring Bill will receive additional training when he is introduced to open water. In the meantime, he is developing skill and technique through pool practice, under the constant supervision of his sponsor.

John and Alex, who had already learned the fundamentals of diving, got the same type of training Bill did. While SAUC is willing to believe anyone who says they know how to dive, safety demands that they prove it. These boys discovered that this training benefited them. They developed new techniques, and learned to handle extreme situations, in the safety of the pool, that could arise alarmingly in open water. Just as the beginner, they must pass the examination of the training committee.

For every foolish diver that meets with some misfortune, every sane diver is penalized. There are no headlines about the thousands of divers who spend a safe and enjoyable week end in the water. But the guy who drowns himself trying to get acquainted with his equipment makes the front page every time! As a result, all divers are crowded into the category with fire-eaters and hell-divers, and everyone else who is looking for a unique way to die. The experienced adult diver who denies the teenager instruction is cheating himself.

If we don't teach them, who will? How is the novice to learn safe diving if no one wants to take the time to teach him? Some cities have a fine program offered through the YMCA or some other athletic organization. But not all cities. And not San Antonio, for one. So it was up to the men and



SAUC Juniors Bill Holloway, Luke Lowery and Lee Lowery get their beginning Scuba instructions from experienced diver-instructor Kennard Judkins. The boys will practice breathing with the apparatus while sitting submerged in the pool. A full line of training will come later when they are acquainted with the Scuba and its functions.

# HAWAII UNDERWATER VACATION

History's first specially prepared underwater and surface tour of the Hawaiian Islands for skin divers has met with tremendous success. The incoming advance reservations measure success with each day's mail.

## The First Official National Skin Diver

Women sincerely interested in diving to set up a good program. And SAUC thinks all serious divers should want to stimulate interest in others and see to it they get the training that results in safe divers.

Admittedly, there are some who would not accept any training program. They think they are too smart to be shown anything. And we must leave them to their fate. But at least we must try, make an offer, to keep a clear conscience. Diving accidents can never be completely wiped out, but they can be brought to a minimum. And since every diving accident is a personal injury to all the safe divers, why not reconsider?

Frankly, when we opened the doors to teenagers, SAUC expected to get a few thrill-seekers. So far there have been none, but should they appear, SAUC is prepared for them. There isn't much danger of wasting a lot of time on a thrill-seeker. Either their attitude will change, and they will become serious, safe divers, or they will soon go on their way.

Equipment manufacturers and dealers cannot be expected to solve the teenage problem, if indeed it must be a problem. It is not theirs to settle. They are in business the same as anyone else. Does the department store demand proof that you can swim before they will sell you a bathing suit? Certainly not! And it will never be that way with diving equipment companies. The beginning diver must have equipment before he can learn to use it! So it is up to the clubs to train them. What does it count how old they are?

San Antonio Underwater Club is proud of its teenagers, and counts them a real asset to the club. More clubs should wake up to the fact that their future leadership lies in these kids. It is a rewarding experience to work with these young people, and any club whose membership is not geared to it, should stop and take inventory!

Tour special will depart from Los Angeles on Friday, September 5. The divers will race the sun to the Islands at an effortless 330 miles per hour, in one of Transocean Air Lines' Super H Constellation "Royal Hawaiian" airliners, fully pressurized for high altitude flight and air-conditioned for maximum comfort.

Arriving in the islands after nine and one half hours flight, they will go to the famous Hotel Kona Hukilau in Kona on the Island of Hawaii, where they will stay for five days and nights. During that time there will be every conceivable type of underwater activity, spearfishing, photography, shell collecting, exploring . . . all conducted by Tookie Evans, world famous Hawaiian underwater ace. There will also be a "luau" feast in an authentic Polynesian setting with exotic south sea foods and native Hawaiian entertainment.

Thursday morning, September 11, the tour will take the short flight to Honolulu via Hawaiian Airlines and go to the splendid Waikiki Surf Hotel near Waikiki beach for the next two days. There will be a six hour scenic tour of Honolulu, Waikiki and the Mount Tantalus area, and lunch at the famous Waioli Tearoom. Also included in the activities in Honolulu will be surfing in the waves of Waikiki Bay, riding outrig-

ger canoes, a tour of the Dole Pineapple cannery and then a special "Aloha" dinner.

The package price for the whole trip is just \$328!! Tanks, air refills, regulators, weight belts, spear guns, etc. will be available on a rental or purchase basis at reasonable rates. Transocean Air Lines has included a generous 55-pound baggage allowance for the Skin Diver Tour Special. Boats can be rented on a cooperative basis for those deep water addicts.

The slight increase in price over the amount announced in last month's magazine is due to a general increase in fare and tour prices affecting all air lines.

Think of it . . . dive and fish at selected sites on the famous Kona coast, one of the world's finest diving spots . . . enjoy the company of fellow divers and the land of sunshine, exotic Hawaii.

Everything possible has been done to make the Skin Diver Tour a most enjoyable and memorable event. The tour is limited so don't hesitate, act now. Send a \$50 per person deposit immediately, and plan on the balance before August 5, for the vacation of your diving dreams to: Official National Skin Diver Tour, Transocean Air Lines, 608 South Hill Street, Los Angeles 14, California.

Club emblems and flags that didn't make the cover because of their enormous size. These clubs and organizations deserve recognition also and so, here they are. These emblems are two and three sizes larger than the ones used for the cover.





# BOSTON PLAYS HOST TO CAPT. COUSTEAU

By George Pappole

Over a thousand diving enthusiasts were delighted recently by the visit of Captain Jacques Cousteau to Boston for the Boston Sea Rovers Fourth Annual Skin Diving Clinic. Judging by the successes of former years, this annual meeting underlines the great interest in skin diving in the Northeast and is a great tribute to the drawing power of Captain Cousteau himself.

The program of the evening was a showing of three films not previously presented to a public gathering in the United States. In the first film, "The Fountain of Vaucluse," anyone familiar with diving was immediately absorbed by the tense and dramatic nature of this expedition. Though carefully organized, this team of divers were again defeated in learning the source of this famous fountain. Although the group traversed some 800 feet of tunnel, to a vertical depth of 100 feet, they could continue no deeper to whatever source this fountain may have.

Turning to a happier expedition, Cousteau then presented some extraordinary color photography of the Red Sea area. Actually this sequence, filmed in part by Mme. Cousteau, showed very clearly some of the incidents in the making of the movie "The Silent World." Most exciting to the audience were the records of what Captain Cousteau called the porpoise world convention and their meeting with a Greek sponge-diving ship. One brave "hard-hat" diver was taught the use of the lung and was evidently quite won over by this system of diving.

Before showing the final film of the evening, Captain Cousteau urged upon all those interested in diving in the United States to begin a national program, starting at the local level, to assure highly qualified instructors being available for beginners in the sport. He spoke of the experience his group has had in France, which now has become accepted in a number of European countries. This had led to an excellent underwater safety record and has made government regulation of diving unnecessary. To avoid government interference in this country Captain Cousteau suggests it would be wise for such a program to be started here.

The final film, again narrated by the Captain, showed the work surrounding



Boston Sea Rover members gather around the main table to honor their guests who are (upper left) Jim Cahill, (left seated) Mrs. Cousteau, (center seated) Capt. Cousteau, (right seated) David M. Owen, and (standing extreme right) Dr. Harold Edgerton. Photo by Ben Alexander.

the discovery and salvage of a Greek galley wrecked in the harbor of Marseilles in the Second Century B.C. Certainly of great archaeological interest, this film also had the distinction of some remarkable motion-picture color photography at a depth of 145 feet. This too was one of the first applications of direct-line television to underwater exploration, making possible close direction of the operation by the archaeological experts on board the Calypso.

Before Captain Cousteau showed this program, Dick Irvine of the Boston Sea Rovers presented the Fourth Annual Award for furthering the sport of skin diving in New England. This year the award was made to James F. Cahill, who to everyone in this area, is "Mr. Diver" and one of the pioneers of the sport.

Following the program, The Sea Rovers held a reception for Cousteau and

the other guests of the evening, including Dr. Harold Edgerton of the Massachusetts Institute of Technology, developer of many underwater lighting devices, and electronic equipment used by Captain Cousteau on his expeditions; James Cahill; various officials of the Boston YMCA, sponsors of the Sea Rovers, and of the Commonwealth of Massachusetts; and David Owen, principal diver of the Woods Hole Oceanographic Institute. To all those present at the reception this was the highpoint of the evening providing, as it did, an opportunity to meet these notables of the sport and converse about topics of interest to all divers.

The Sea Rovers look forward to the Fifth Clinic next year and urge groups in other areas to sponsor such gatherings in their localities for bringing diving to the attention of the public. ✻



More than unique is this close-up shot of a Monk Seal. This youngster is one of five of this near-extinct clan on the coast of Lebanon. The picture was taken in an underwater cavern by diver-photographer Dave Parks near Beirut.



## SUGGESTIONS AND RECOMMENDATIONS FOR BEGINNERS

1. It is imperative that you be a good swimmer before you even consider entering this specialized sport.
2. You should be in the best of physical condition possible. Especially in regard to your "pressure areas." (Such as sinuses, ears, nose, lungs.)
3. When purchasing skin diving equipment, *always* buy from a dealer who specializes in the sale of skin diving equipment. They are better qualified to advise you on the best type of equipment to suit your needs.
4. **WARNING: DO NOT ATTEMPT TO PRACTICE SKIN DIVING WITHOUT ADEQUATE SUPERVISION.** This is especially important if you have just purchased a Scuba unit.
5. **JOIN A CLUB!** This is the first thing a beginner should do if he wants to start out right. By a club, we do not mean a group of fellows who dive together and call themselves a club. We mean an *organized club* with intelligent and responsible leadership. This type of club almost always possesses a strong safety code that all members must abide by. It is in this type of organization that you will receive adequate supervision while training.
6. If there are no skin diving clubs in your area, then instruction in the sport may usually be obtained at some Y.M.C.A.
7. If you turn your attention towards spearfishing, remember that there are certain laws pertaining to the taking of fish and lobster. Check with the Department of Fisheries and Game for information.
8. When traveling to a diving area, be courteous. Do not park on private property, or in front of driveways. Also do not cross private property without the expressed permission of the owner.
9. Stay alert; act with common sense; and above all, **NEVER DIVE ALONE!!!** —Bay State Aqua Club, Stoneham, Mass. 🐟

Boating and skin diving are a natural combination and a few plans in advance of the trip will help to blend a perfect day. Here the Ebbtiders Club and their girls lunch on the top cabin of the charter boat Maray off Catalina. Photo by Mart Toggweiler.



## EAST COAST CHAMPIONSHIPS

The Connecticut Council of Diving Clubs will be hosts to the East Coast AAU Spearfishing championships this summer. The event will be staged on July 27, and will bring together top teams representing Councils in Connecticut, Rhode Island, New York, plus spearfishermen from the Northeast Council (Maine, New Hampshire, Vermont, Massachusetts), and the Middle Atlantic Council.

Clubs in Connecticut which are not members of the Connecticut Council, but which want to participate in the state eliminations, must notify the Council before June 15, if they are to be considered for the eliminations.

Contact Clifford Johnson, 34 Avon Drive, East Hartford, Conn, corresponding secretary of the Connecticut Council. 🐟

## Attention—All Clubs in the S.P.A.A.A.U. Area

The 1958 Spearfishing Competitions are only two months away. You should be getting your three-man team well organized by now. The first meet is at Salt Creek June 29, Sunday. All trophies at this meet are for individual performance. They are for first, second and third largest aggregate and first, second and third largest fish. The top fifty percent of the teams in this meet will move on to the S.P.A.A.A.U. finals July 13.

Registration for the 1958 competitive season are being taken by Chuck and Laura Sturgill, 340 Calle de Andalucia, Redondo Beach, Calif.

Remember you must compete in the eliminations June 29 to qualify for the S.P.A.A.A.U. Championships July 13. 🐟

## ALL ABOARD!!

By MART TOGGWEILER

Thinking of chartering a boat for a skin diving excursion? Here are a few suggestions which may help your group make the most of such a trip:

1. Plan well in advance—at least 3 or 4 weeks. It takes time to make arrangements for a boat and line up a firm passenger list.

2. Don't overcrowd the boat. It automatically follows that jamming the maximum number of passengers aboard will result in a minimum of safety.

3. Set the fare high enough to insure against inadequate funds. Be practical and collect fares in advance. The number who show at the dock that chilly A.M. on the day of the trip may bear no relation to a showing of hands during the enthusiasm of a club meeting. Extra money may be refunded, offered as a jackpot for biggest fish, etc., or added to the club treasury.

4. Go easy on food—take simple prepared dishes. Although appetites may be high, heavy eating or drinking can be disastrous. Alcoholic drinks should be taboo—at least till the trip back.

5. Remember that diving from a boat is generally safer and more convenient than beach diving. Hold your gear to a minimum and keep it stowed aboard as compactly as possible. Mountains of unnecessary equipment strewn about the deck are a nuisance and a hazard.

6. Never allow cocked spearguns on board—insist on loading and unloading in the water and stow in such a way that passengers will not be impaled on spear tips.

The rest is up to the boat operator. He should anchor close in over good diving areas, seek a spot sheltered from wind and weather, maintain a watch while divers are in the water and make sure everyone is aboard before moving. "26 Miles Across the Sea" can truly lead to a diving paradise. 🐟

# WE'D DO IT AGAIN (maybe)

By GERALD F. COMEAU

For ten consecutive days Saturday Feb. 1st, to Sunday Feb. 9th, the Bay State Aqua Club of Stoneham, Massachusetts spent many trying hours at a booth rented by their club at the 1958 New England Sportsmen's & Boat Show held in Boston.

The reason that this organization went to such a great expense and trouble was to educate the general public in the safety and enjoyment of the sport of skin diving when done properly. During the course of this report, the author shall refer to the New England Sportsmen's & Boat Show as simply "the Show."

It was in the Spring of 1957 that the author brought up the subject of the Sportsmen's Show as an ideal place for a display in order to reach a far greater portion of the general public than we could ever reach in our theater displays.

This proposal was accepted somewhat reluctantly by the board and the author was informed to contact the Show officials for all information pertinent to

the rental of a booth at the Show. At the following monthly meeting of the club, this informatiton was presented to the general body for their consideration. A suggestion was made and accepted that we sell "chance books" to raise the necessary funds. This proved to be a huge financial success.

Now all we needed was an attraction to draw a crowd. We contacted Brad Luther, president of the Fairhaven Whalers, and asked for the loan of his club's steel diving tank for diving demonstrations. He agreed to loan us said tank.

The next step was to determine what policies we would follow in regards to the running of our booth. We realized the terrific crowd potential expected, and knew that this was our big chance to really "push" the sport of skin diving.

First, we decided to keep our booth "pure" from commercialism. We felt that as a sporting club, we should not associate our name or purpose with

any particular product or firm.

Second, we realized that this was a wonderful opportunity to launch our "Divers Flag" campaign, since there would be a considerable number of boat owners attending. Therefore we designed a handsome leaflet with the "Divers Flag" in red and white, and then we submitted it to our printer. Thanks to the boat dealers at the Show, this flag received wide publicity.

Third, we decided to put our non-profit "Skin Diver's Training Program" circulars on display.

At first we were a little hesitant about doing this since this program was originally conducted during the summer months. But we finally found a Y.M.C.A. that would allow us the use of their pool during the winter months at a very small nominal fee.

We also decided to distribute our non-profit Body Recovery Program applications to interested divers who stopped to visit. Of all the divers who read this program, only one voiced an objection. This parasite stated that he did not agree with "free" body recovery since police and firemen are paid for their efforts along these lines.

Besides establishing a set policy of operation and standards, we also made other plans for the Show. The author contacted "Skin Diver" Magazine, and requested outdated magazines for free distribution during the run of the Show. (We have always advocated the "Skin Diver" magazine for anyone interested in keeping up with the latest advances in the sport.)

We also had on display a hatch cover, a piece of high pressure hose, a bolt from the wreck of the "Chelsea," a 3'x7' photo display of our diving activities during the previous summer, and a 17 lbs., 34" long lobster which was caught by hand by Harold Hubby of Wilmington, Mass. Harold made the catch off the seawall at Pigeon Cove near Rockport, Mass.

While discussing the Show with Director Jack Whelan of the Northeast Council, he mentioned the fact that his twin five year old sons (who have been diving for the past three years) would love to dive in our tank at the Show. We invited them to attend, and they were terrific.

We no sooner had the tank set up a few nights before the Show, when the building engineer ordered it out because of the terrific amount of weight on the old wooden floors. This was settled satisfactorily when the Show manager purchased beams to shore up the floor under the tank.

Opening day found us still setting up the booth as we could not set up the equipment on the pegboard since it was wet with paint. If that wasn't bad enough, the electrical connection for the



Some of the working crew of the Bay State Aqua Club during a lull in the Sports Show, (l-r) Wayne Comeau, Bruce Crossman, NE Council Director Fred Calhoun and Dante Tuccero. This club has done a tremendous public relations job with their activities and the promotion of skin diving.



Bruce Crossman is shown in the tank giving a safety demonstration to the amazed audience while Dante Tuccero describes his actions.



The giant 17 pound 2 ounce lobster that was captured by hand by Harold Hubby (above). The lobster was a great crowd attraction.

tank and showcase lights went on the fritz.

It was at this point that we discovered that the club Treasury was being hard pressed. Club President Wayne Comeau authorized Dante Tuccero to purchase a hi-fi phonograph, and have a batch of dance books printed in a hurry. The purpose being of course to help replenish the Treasury. (Dante paid for these things out of his own pocket.) The raffle tickets were selling well for two days when the Show manager politely informed us that we were operating a lottery, which is illegal in Massachusetts, and ordered us to put all the chance books away. However we found a legal loophole around this, and during the run of the Show, everything turned out pleasantly.

All in all, it was a very successful Show. We were complimented a number of times on our unselfish promotion of the sport of diving by people who never even saw a skin diver before we "hit" the Show.

One of our most important contacts from this Show was the Massachusetts Striped Bass Association. This association has invited us to give a lecture on the relationship between the skin diver and the line fisherman. The reason that this is so important to us is the fact that in the state of Massachusetts, it is illegal to spear the striped bass.

Another contact we made was Mr. Ralph Colson, Physical Education Director for the Commonwealth of Massachusetts. Mr. Colson has invited us to give a lecture at the annual convention of physical education directors of the state. Also he wants us to demonstrate the sport to the delegates present. He stated that he has always advocated skin diving training as a part of the athletic program of the state's high schools, but has always met with opposition based on the idea that it is too dangerous a sport. If diving training

was available in high schools, it would contribute immensely towards eliminating accidents in the sport by untrained beginners.

We were also invited to give a lecture on the sport to a local Cub Scout convention which will be attended by all the parents or guardians of the cubs in the pack. Mr. Cohen, assistant master, feels that it is the parents that should be educated in the sport.

A local sportsmen's club, the Intercity Rod & Gun Club, came forth with an offer to discuss the possibilities of allowing us the use of their clubhouse at their next meeting. This club felt that we were trying to do a worthy thing in promoting harmony between the sport of skin diving and their sport of line fishing. They also invited us to a meeting sometime in the near future to exhibit diving equipment, and give a short talk on the sport.

We feel, without any reservations, that we spread a million dollars worth of goodwill at this Show. We offered our services to any non-profit program, and any public service which requested them.

We were very pleased to have private citizens reciprocate our feelings by offering to us their services. For example, two different "Hard Hat" divers who owned their own businesses offered us spare cash diving for them on exploratory jobs thus saving them considerable time.

Also three different boat owners offered to take us out any time free of charge anywhere we wanted to go with in reason. Since we are setting up a very extensive and diversified "wreck searching and exploring" program for this summer, these offers were well received and appreciated.

We urge all clubs interested in this public relations program to get together and rent a booth as a unit if no one club feels that they can handle it. We



Brad Luther (Northeast Notes) interviews Bay State President Wayne Comeau for his monthly column in SD at the Sports Show.

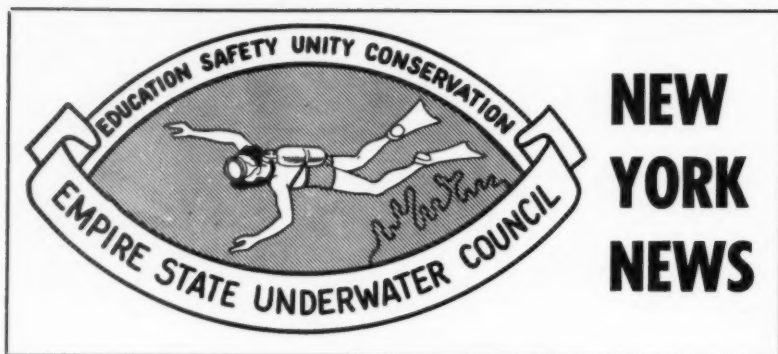


So much interest was created at the booth that sportscaster Cal O'Brien invited Wayne Comeau to appear on his radio broadcast.

shall feel honored to send to any club requesting it, a full layout on the preparations and experiences that we have had setting up our booth. It will help also to know what ground has to be covered first in a project as large as this. Write the Bay State Aqua Club at 6 Minot Street, Stoneham 80, Massachusetts.

We would like to thank the many organizations, and individuals for their assistance without which this Show could not have been a success. ➤





## NEW YORK NEWS

By GENE PARKER

Johnson Road, RD #4, Scotia, New York

Spring is sprung. The water riz. I wonder where the diving is?

As the coastal clubs can testify, ocean diving is already pretty good. Winter's barren bottoms are giving way to the return of fluke, flounder, whiting, hake and other ocean fish. A protective suit will be needed for a couple months yet.

Up country the ice is leaving the lakes. During the summer a few lakes and ponds become clouded with algae and weeds. Now is the time to find clear water diving in those lakes.

Also, the motor boat season has not yet really begun. About the only boats are those of fishermen putt-putting slowly along while trolling.

Spring is actually one of the better times for fresh-water diving. Fish can be observed closer to shore as they congregate in the shallows. The water is clearer and uncongested by humans.

On March 16th eight members of the Albany and Schenectady YMCA Diving clubs conducted a noble experiment. Four divers went under the ice at Sacandaga Reservoir wearing dry suits. The other four wore wet suits. All the divers were about equally comfortable. Wet type mittens were found to be warmer than waterproof rubber gloves worn over wool gloves. The wet suiters had to change in warm shelter. The dry suiters could change out on the ice. All the divers had a strong manila or prestretched nylon line attached to the wrist with a bowline knot. A few small Calico bass were observed under the roots of trees that border a now submerged road. Entire villages were covered when this man-made lake was completed 20 years ago. Next summer local divers, using old maps, are going to explore these underwater ruins.

Here's the lineup of the Empire State Underwater Council's officers for 1958: President, Roy Kieser, L. I. Dolphins; Vice President, Don Shearer, Schenectady Y Skin Diving Club; Secretary, June Kieser, L. I. Dolphins; Treasurer, Stan Shabman, Manhattan Skin Divers;

Directors: Don Strong, Syracuse Aqua Kings; Paul Amodeo, Albany Skin Divers; Phil Shapkin, Manhattan Skin Divers.

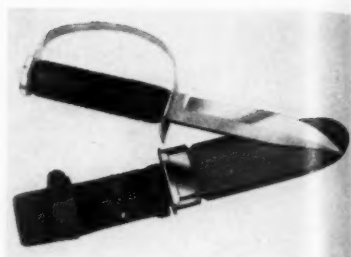
ATLANTIC COAST MARINE SPORTSMEN'S ASSOCIATION — this is a newly formed group whose main interest at this time is striped bass legislation. In the group are representatives from many of the East Coast States. Representatives from the Empire State Underwater council's Sportsmen's Council are working with this group to make sure striped bass legislation does not discriminate against skin divers.

DIVERS FLAGS — NEW PRICE — 18" x 18" now \$2.00 each. 36" x 36" — \$2.50 each. Make checks or money orders payable to Empire State Underwater Council, Inc. The Power Squadron Magazine has requested information on the flag, as well as literature that could be included in their training program.

1958 SPEARFISHING MEETS—As a result of Council voting the 1958 Empire State Spearfishing Championships will be open to Council member clubs only. The Empire State Championships are the New York State eliminations for the East Coast Championships, and are run under the auspicious of the A.A.U., no club may enter directly in the East Coast Championships but must enter and place in their State eliminations, (with the exception of the defending champions.)

A motion is currently on the floor of the Council that invitations to enter the meet may be issued at the discretion of the Board of Directors. If the motion is passed then non-member clubs will be able to petition the Council for an invitation to the meet.

SAFETY — Goldstocks, a dealer in Schenectady, will give new equipment to be tested as it appears on the market. The Safety Committee of the Empire State Council will then report on their findings on the equipment. Each club is requested to submit a copy of its



"VULCAN" DIVERS KNIFE — A divers knife designed for divers. Heavy stainless steel blade with a strong point, cutting on one side, thick edge on other side. Has a stainless steel hand guard to protect hand around rocks, etc. Knife sheath is of tough fiberglass, stainless steel top with spring steel device which holds knife firmly in sheath. Also, a strong web strap with loop to fit a 1" or 2" weight belt. Price—\$8.95, Dist. by: U. S. Divers Co., of Los Angeles, California.



FOR UNDERWATER SHUTTERBUGS—A new line of components for underwater camera cases is now available to do-it-yourself skin diver-photographers. In addition to the popular \$2.95 control gland, DIVE-RITE can supply: lens gears, knobs, pistol grips, flash connectors, 'O' rings, glass ports and acrylic sheets and tubing in many sizes plus custom built cases for any camera. To receive a complete list and description with price quotations write to DIVE-RITE, Box 3445, Long Beach, Calif.

safety program and the name and address of its safety director. The committee is compiling a list of essentials for a diver's first aid kit and would appreciate suggestions from member clubs.

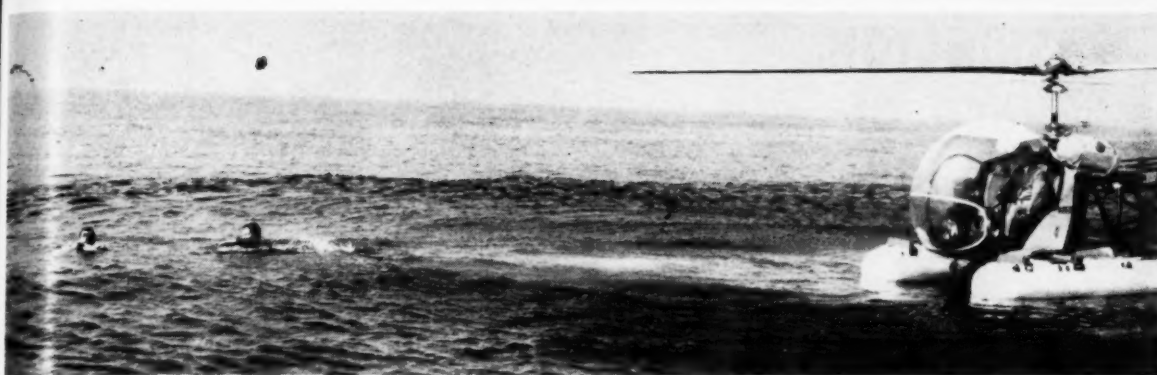
Please send in your announcements for July and August meets or activities now!

At this writing there is still plenty of snow on the ground. Just the same I won't be able to announce any of your clubs events until July! Half the summer will be gone. Here is why.

A magazine has to have a deadline. SKIN DIVER's deadline has to be 40 days. I write an appeal to you for club news in March. This gets printed not in April, but in May. So you see that appeal in an early summer issue although it was written during the ice diving season. Let's say you do send in some club news. It's written up immediately and sent to SKIN DIVER. It appears in print not in June but in July.

So for halibuts' sake, if you have an event coming up in July, August, or September let me know now!





An actual photograph of Heli-Diver Danny Dannison approaching a fallen jet pilot. Scene is about eight miles off Malibu Beach, California. Danny is a member of the Dolphins Club.

## HELI-DIVERS SEE ACTION

A feature story in the January issue of SD carried several photographs of the Santa Monica Douglas Aircraft Co. Helidivers going through their practice runs and a happy quote from coordinator Bob Johnson to the effect that their services had never been required for a company job. Tuesday, March 18 saw the Helidiver squad in plenty of action.

A Supersonic F4D Skyray pilot was forced to ditch his plane in the choppy Pacific approximately eight miles off Malibu, California, while on a production test flight. His trouble started at 15,000 feet and he immediately ejected from the burning plane travelling at a high rate of speed.

The Douglas Helidiver team and surface craft were swiftly sent to the area of the crash in search of the jet pilot. After some time the pilot was spotted and Danny Danison (cover January 1958 SD) jumped from the copter and swam to the aid of the pilot. Danison then carried the injured jet-man to the lifeguard boat "Pilikia" from Santa Monica where they were pulled aboard.

The pilot suffered a fracture of both bones in his right forearm, concussion, a dislocated left shoulder, multiple bruises of the body, shock and internal injuries. After a stay in the hospital the pilot is reported to be recuperating satisfactorily, however it will be some time before he is ready for another 15,000 foot parachute jump into the water.

Skin diver Danison modestly admits that he did help some in effecting the rescue.



The pilot is pulled aboard the waiting lifeguard boat, Heli-Diver Dan assists from water.



Walt Gilliam makes a test run in a Jack Browne suit getting ready for demonstrating it in the Washington Sub-Aqua Show. Dan Dunfee of the Underseas Laboratory assists.



## WASHINGTON D.C.'s FIRST SUB-AQUA SHOW — JUNE 13-14

Navy frogmen, a water ballet, and a special movie on diving for sunken wrecks are a few of the highlights of Washington, D.C.'s first Sub Aqua Show.

The affair, scheduled for the East Potomac Pool the evenings of Friday and Saturday, June 13 and 14, should greatly interest those who have any curiosity whatsoever about the underwater world. A ten-minute slide sequence will show the development of diving from 900 B.C. to the present. There will be a fashion show of cold water suits and "shark-bait" outfits and a special movie showing the two-man Mini-Sub in action.

The show is being produced by John Dudley with the cooperation of the Pioneer Skin Diving Club of Arlington, the Sub Committee of the YMCA, and the Underseas Laboratory of Washington. SIPP, another club in the area, will lend a helping hand.

Anyone interested in acquiring trophies is welcome to participate in the underwater events part of the program. Beautiful 10½-inch gold and silver trophies will be awarded to winners of such underwater events as the 20-yard race (for teenagers), the 35-yard race, the 70-yard relay, and the two-man Race for Life. Applications may be made to Mr. Dan Dunfee, Chairman of Underwater Events, 1127 Peyton Randolph Drive, Falls Church, Virginia.

Tickets at \$1.50 each went on sale at various sports stores and Government agencies in Washington March 15. The Navy frogman part of the show, however, is free to the public.

**LICENSE PLATE MEDALLIONS**—The Fenjohn license plate medallions for SCUBA divers is made of light-weight aluminum, can be used for clubs, civil defense units, etc. Available: "Civil Defense Diver", "Scuba Diver" (with lobster figure), "Scuba Diver" (with figure of diver). Price—\$1.95 ea. from: The Fenjohn Co., Ardmore, Pa.

# WASHINGTON COUNCIL OF SKIN DIVING CLUBS

By John Joachims

c/o KAYO, 2939 4th Ave. So.  
Seattle 4, Washington

Brilliantly clear Puget Sound waters, cloudless days and a heavy population of Ling Cod, Sea Bass and Octopus have made this one of the most successful skin diving seasons in many a year. The Ling Cod especially seem to be bigger, nastier and prone to perform like prodded wildcats when speared. In the winter these big Bull Lings, many 30, 40 and up to 50 pounders come into shallow water and some theorists say guard the haunts of their spawning grounds. Needless to say the fun begins when their privacy is invaded—it is then when Mr. Ling turns into as wild and woolly a game fish as you will find along the Pacific Coast.

If you want to see just how big these fighting Ling are—take a look at Gary Keffler's 53 pound 4 ounce record breaker now mounted and on display at Puget Sound Divers in Seattle. Incidentally Gary took this beauty skin diving which breaks both the Scuba and skin diving records for Ling Cod, and breaks the Mudsharks record for the largest edible fish taken.

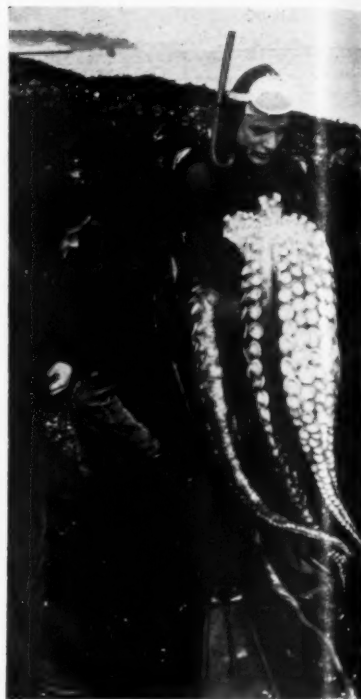
Rhododendrons are in order for the Port Townsend Pile Divers—in increasing active group of divers will participate in Washington's Rhododendron festival, famous for its parades, boat races and beautiful queens. Culminating the colorful festival will be the Pile Divers skin diving meet to be held May 25th. Club president Don Ben-

zinger invited all clubs to enter: phone Port Townsend 226 or write Roy Hawkins, care of Trading Post, 625 Tyler, Port Townsend, Washington. The clear visibility and abundance of big Lings in the Port Townsend diving areas promise near perfect meet conditions.

Some people like octopus, some people like sea cucumbers and some people go for fish, but Ed Thomas, Mudshark member, says you are missing the treat if you haven't eaten sea snails fresh from the shell . . . how about it, anyone for sea snails? More important than appetites are the MUDSHARK activities; like the safety Skin and Scuba diving exhibition the Mudsharks put on before a crowd at the University of Washington for the third annual "Waterama" sponsored by the Red Cross. Eye catcher of the evening was when five Mudshark divers lazed off on the bottom of the pool breathing from one lung.

The Northwest Underwater Research Group has been working closely with the Coast Guard in recovery work. Recently when two fishermen were lost off Whidby island the Coast Guard employed a helicopter to shuttle divers and gear between Seattle and the Island. Congratulations are in order for the fine research work NURG has been doing in cooperation with the University of Washington Zoology departments—Dewain Chapman, NURG member and University of Washington Zoologist is heading up the project. While we are passing out the bouquets we wish to include Doctor Mel Butler of NURG who held his breath, popped the question, and has now taken the matrimonial plunge.

YMCA Divers and NURG divers recently made a trip to the Freeland Herring Trap on Whidby Island for a unique day of diving. After helping out the trap owner by checking his netting for holes and retrieving a few lost tools, the divers were turned loose inside the trap with spearguns. When the smoke



Northwest diving enthusiast Bill Meritz pulls his latest catch up on the beach, a 75 pound 13½ foot octopus.

had cleared and the spray settled, over fifty fish lay on the diving barge including 21 dog fish and 18 large true cod. Ken Dulin of the Y Divers had the greatest variety of fish, with a skate, an unusually large rockfish, a couple of dog sharks and several kinds of cod, but Merelyn Wilson stole the show with an unusual fish she captured by hand.

Despite a tremendous current and a disappointing lack of big fish the Y divers outing to Waterman Point Lighthouse proved a success. It was well attended and fine picnic lunch topped off the day's activities . . . it was well deserved Y divers, we heard your outing turned into an operation Star-fish Mop which is a job well done in any diver's book. Write when you get any information on NORTHWEST SKIN DIVING activities to: John Joachims, W.S.S.D.C. in care of KAYO, 2939 4th Avenue South, Seattle 4, Washington.



U. S. Navy uses "Self Contained Diving Gear" at the recent Chicago Sports Show, where over 350,000 people attended. Huge Navy tank was one of the main attractions for the crowd. (l-r) Dick Hammond, Chief C. M. Thomas and Emmitt Hughes. Dacor Corp. Photograph.



Puget Sound Mudsharks Mackie McLaren and Gary Keffler show the effectiveness of diving in the Sound. Mackie's fish is a 9 pound Rock Cod while Gary sports a 53 pound Ling Cod.

## SUCCESS CLUB

(Continued from page 19)

clubs could teach us.

We tried all the other approaches and settled on this one. What we discovered was simple, that factions and cliques would be the death of progress as they always are. We also found that we would probably always have as many divisions of opinion as we had members. Since divers tend to be individualists at heart, we agreed to keep it loose and confine our members to active divers only.

In order to do this, we decided to keep the "go to meeting" members to a minimum by holding our meetings on trip days at the nearest point to the boat as possible.

When we introduced that innovation one of our biggest problems promptly solved itself. Namely, the endless, pointless discussions about who had the floor, and "Why wasn't a committee appointed to investigate the possibility of appointing a committee to hold a fish fry, if enough fish were caught the next week-end," ad infinitum.

If someone reading this says to himself, "But, what about those guys who wanted to look into the possibility of a fish fry?" You just lost your invitation to join the type of club I am discussing.

Another point any club might do well to ponder is the amount of inter-club activities you wish to participate in, this includes politics, contests, etc.

It is natural that in any sport some form of competition will evolve. Skin diving does have contests—we are not against them. But we tend to agree with the New Jersey Council in the matter of choosing a champion, if there must be one. In our yearly contest, the member with the largest fish taken single-handed during the year wins the privilege of cleaning it.

We think each club must decide for itself about entering or holding contests. However, since we don't tend toward members who are trying to prove something to themselves, we have had little pressure to join into competition. We do have a few fellows who would not be ashamed to enter into any contest; but, since most of them have to eat what they catch, they haven't much



Joe Dorsey of Towson, Maryland, stands up after being submerged underwater for 29 hours and 1 minute. The endurance dive was made in the studios of WBAL-TV in Baltimore, Maryland and an accurate time check was made by Marine Corps officers from the local recruiting station. Dorsey is a member of the Maryland Waterbugs, Inc.

time nor money to use in trying for trophies, etc.

If your club doesn't get to the point where you think you can compete, don't worry. We once got honorable mention in a contest we didn't even attend. If we stay away from them all we figure we might eventually win one.

A final point to give some thought to is the exact purpose of your club.

We believe the major reason for forming a diving club is to dive at less expense. Simple?

Skin diving is by nature a group sport. In a club, you have group purchasing power, interchange of equipment. Also you can, as a group, buy equipment prohibitive by cost to the individual. To us, any other reason is incidental.

We believe it is fine to start a club to discuss diving or a club to review books about diving, or to have lobster roasts, beach parties, or discuss rules of order; but don't consider it a diving club just because there are a few masks, and flippers among the members.

If you want a skin diving club, then aim all your activities toward the act of skin diving and don't lose sight of it.

To achieve this, do not "choose your members; but make it difficult for any other than those most interested in actively pursuing the goals your club has set for itself. I cannot think of a better way to do that than by confining club activities to one purpose.

For example, if you want a club of members who free dive to 60', you

aren't going to get many members. But, among those you do have there won't be any arguments that the water is too deep for some and not deep enough for others.

Don't limit the number of your members. Remember, your idea is to make it easier and less expensive on yourself. New members are where your future leadership will come from. Leaders are the ones who do the work of seeing that things go smoothly.

Set your goal and stick to it. If you fail, you will have failed honestly and won't leave a trail of bitter ex-members behind you.

There it is as we have done it!

Set your goal and stick to it. Make it difficult to get members who are not interested in those goals. And, go all out for members who are.

Be careful not to broaden your scope of activity to include too many interests on a club basis.

Charge fair but sufficient dues.

Play your dues back into making the sport less expensive and safer for your members. You will never have an argument about what is happening to the money if the results ride out on the boat with you.

Keep rules, constitutions, by-laws, etc., to a minimum.

And, most important, take good care of the "guy with the boat." Be fair—or more than fair with him. Try it!

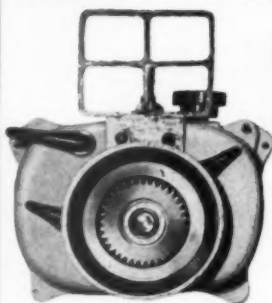
And, we will soon see YOU out at the reef! ➤

**WIN A TRIP  
TO FABULOUS  
LA PAZ!**

**See Page 13 for details  
of the UW Photo Contest**



**NOW . . . Popular  
NEW! Priced**



**UNDERSEA  
CAMERA  
HOUSINGS  
by  
Wollman-  
Schmidt**

The Sensational New **QUALITY**-made **PROFESSIONAL** model featuring: Precision-cast aluminum body, shutter cocking & release, stainless steel shafts, "O" ring seals, parallax adjustable 'gun sight' viewfinder, assembled sets pressure tested to 200 ft.

For Argus C-3 Model K-1—  
"Assemble-it-your-  
self" KIT . . . . . **\$49.50**

Fully assembled **\$67.50**  
(For Leica add **\$10.00**)  
Accessories available.

\*FREE Literature and full information on these and other models on request.

**WOLLMAN-SCHMIDT**

Undersea Camera & Equipment Inc.  
352 Seventh Avenue, New York 1, N.Y.

**NEW . . .  
UNDERWATER  
METAL  
LOCATOR**



UML 20

Salvage Treasure,  
Sunken Vessels, Cables,  
Outboard Motors

Locator pinpoints ferrous and non-magnetic metals in fresh or salt water. Easy-to-read "METER" . . . supersensitive amplifier. Pressurized to depths up to 160 feet, weighs only 1 1/2 lbs submerged. \$545 net F.O.B. New York, including batteries. Immediate delivery.

**OTHER UNDERWATER EQUIPMENT**

- UNDERWATER TV CAMERA
- UPD-3 "POWER DIVER"
- ES-130 DEPTH SOUNDER

Brochures mailed on request  
Representatives in Principal Seaports

**BLUDWORTH MARINE**

Division of KEARFOTT COMPANY, INC.  
1500 Main Avenue, Clifton, N. J.

A SUBSIDIARY OF



**SPUTNIKS vs. AQUATICS**

(Continued from page 22)

Scripps they speak of the years it will take to catch up with not just one country, but France, Italy, Norway and who knows what other small country has gone ahead of the United States in underwater exploration.

In terms of rivalry between outer space and the underwater world, the inquisitive mind asks: will skin divers eventually reach all levels of the ocean's depths, even to the point of prowling the great abyss? This question can be answered by showing just how far the French have gone ahead of other nations in their pioneering of the deep. Their real, live "submarine Buck Rogers," Capt. Jacques Cousteau, has not sat back to bask in the glory of his invention of the Aqua-Lung, but has gone ahead with a device he calls "The Saucer" because of its shape. It gives two divers forty percent of the freedom yielded by the Aqua-Lung, but best of all, it can penetrate a depth of 1500 feet.

Cousteau, the human dynamo, will not stop here. Already he has ideas of diving to the floor of the Pacific where the earth's crust has a thin area of only eighteen miles through. Then with the use of atomic power, he dreams of blasting a hole through to the hot, molten lava that forms the earth's core, thereby releasing secrets searched for by man since Adam.

Is this where the moon originated, as many scientists contend? What sort of unlimited power could be harnessed here? Probing the heart of the earth, itself, would produce startling competition for any knowledge shaved from the face of the moon. At this point, however, I hasten to add that most divers and noted scientists at Scripps are apprehensive regarding the wisdom of such atomic testing in the ocean, since the degree of contamination is not definitely known.

Understandably, our oceanographers are unhappy at the fact that this country lags far behind, not one but three or more small countries, in the field of science they love the most. The fault lies in the lack of organized backing of any particular group here, such as these other countries have. Moreover, it is evident that this is not due to any lethargy on the part of the American amateur diver who packs Scripps' lecture halls in response to advertised speakers who are concerned with subjects of interest to the skin diver. The underwater enthusiasts arrive in such numbers that the institution is often forced to repeat its lectures to a second audience filled with those thirsting for further knowledge of their hobby. It is this writer's opinion that if America ever does forge ahead in the

**SKINDIVERS  
CLUB  
SPECIAL!**



Your Club Emblem is printed on a cool, casual white "T" shirt. Sharp 1 color left breast imprint. Sizes: 2-46 inclusive.

E-Z to order! Send quantity, size, emblem sketch & color.

1 Doz. (Min.) or more . . . \$12.00 per doz.  
6 Doz. or more . . . . . 9.00 per doz.

Cash with order — Postpaid — No C.O.D.  
Club Emblems—Write for catalog.

**THE FELT CRAFTERS**  
PLAISTOW 56, NEW HAMPSHIRE

**DIVEMASTER RADAR-LITE  
The World's Finest  
Underwater Portable Light**



40,000 candle power sealed beam light that throws a beam for one half mile. Complete with bulb guard and shoulder carrying strap. Equipped with corrosion proof, water proof and pressure proof battery, weather proof silver contact switch, sturdy metal handle, and adjustable head.

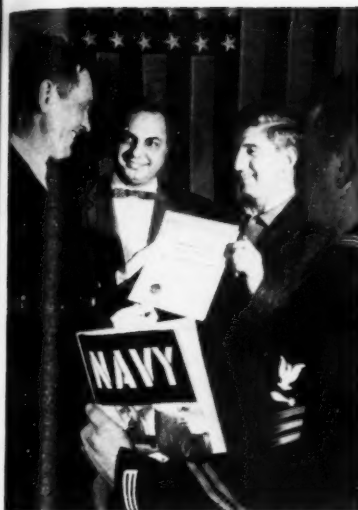
COMPLETE  
READY TO USE **\$13.50**

Dealer inquiries invited

**DIVEMASTER—U.S. Corporation**  
5637 West 63rd Place, Dept. SD-5  
Chicago 38, Illinois

submarine world, it will be because of the pressure brought on by the amateur diver who still looks upon his mistress, the ocean, as a living, breathing doll, glamorous beyond description. Scripps must realize the importance of these amateur divers as it has pushed its own diving program—under the competent supervision of Conrad Limbaugh—beyond that of any other institution in the world. As North admits, he leans on the amateur to a great extent for information he couldn't otherwise obtain. He agreed when I stated that the aqua-enthusiast of today is promoting oceanography as did the "ham" operator in the field of electronics.





The owners of Underwater Sports, Inc. were recently honored by the Navy with a "Certificate of Appreciation." Above Chief Petty Officer B. L. McNamara presents the Certificate to divers Will Jacobs and Rocky Bartone as Tapedoman Wallace Krupenevich looks on. Wording of the Certificate is as follows: "In recognition of outstanding service to the United States Navy Recruiting Service this Certificate of Appreciation is hereby awarded to Underwater Sports, Incorporated, 1751 Park Street, Hartford, Conn. Through your public-spirited cooperation with the Navy Recruiting Service, you have contributed immeasurably in furthering the excellent relations between the United States Navy and the people of your community."



**4TH LARGE PRINTING!**

HAVE YOU READ

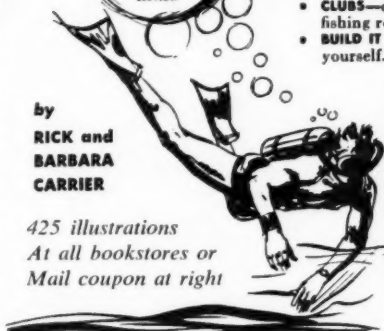
# dive

**THE COMPLETE BOOK OF SKIN DIVING**

- **SEA**—authoritative information on the sea and marine life.
- **SPEAR FISHING**—all phases and techniques.
- **AQUA-LUNG**—complete coverage; detailed line drawings of regulators and valves; trouble-shooting.
- **SAFETY**—how diving accidents happen and how to prevent them.
- **EQUIPMENT**—description and history; modern equipment listed with price and places to purchase.
- **PHOTOGRAPHY**—informative text and illustrations.
- **CLUBS**—complete, up-to-date list, with state and local spear-fishing regulations.
- **BUILD IT YOURSELF**—full details of equipment you can build yourself.

by  
**RICK and  
BARBARA  
CARRIER**

425 illustrations  
At all bookstores or  
Mail coupon at right



MAIL THIS COUPON

Wilfred Funk, Inc., Dept. SD-3  
153 East 24th St., New York 10, N. Y.

Please send me a copy of DIVE. After 10 days I will either send you \$4.95, plus a few cents postage, in full payment, or will return book and owe nothing.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_

(Send \$4.95 with this coupon. We will pay postage. Same return privilege.)



## THE PERFECT COMBINATION New Improved 100% Rubber Latex **SKIN DIVER TRUNKS**

**Now Available with  
SEPARATE RUBBER LINER**

### Separate Rubber Trunk Liner, Nothing else like it . .

For added insulation, warmth, support and good appearance we recommend our swim trunk liner. It's light, strong and completely opaque. Wear it under any trunks. There's nothing else like it. Machine made — It's always uniform, always perfect fitting. Has rolled edge for strength. — Colors: Dark Blue or White. Sizes: Small, Medium, Large.  
**NOTE:** Perfect, too, as a liner for women's bathing suits.

### Better Fitting • Warmer • Fast Drying • Stronger

Skin divers everywhere asked us to design a swim suit like this. It's light and strong enough for skin-diving. Modest and attractive for ordinary beach wear. Warm, quick-drying, always comfortable. No other trunks like it, anywhere!

#### CHECK THESE IMPORTANT FEATURES

- ✓ Tapered Waist for better fit.
- ✓ All seams reinforced. Waist and Crotch overlapped.
- ✓ Made of steam cured genuine latex rubber.
- ✓ Attractive color: Blue with White stripe.
- ✓ Dries immediately.
- ✓ Ozone and Sunlight resistant.

Sizes: Extra small 28-30. Small 30-32. Medium 34-36. Medium-large 38-40.  
Prices: Swim Trunks \$4.50. Liner \$1.75. Postpaid in the U. S.

Club and Dealers Write for Special Rates

**Mariner Wear** OF RHODE ISLAND

93 GROVE STREET • LINCOLN, RHODE ISLAND

# NEW ENGLAND DIVERS PRODUCE T.V. SHOW

By IRV LANDE

New England Divers were given a tremendous opportunity to advance the cause of skin diving in New England,

when the Boston YMCA assigned them the job of producing a half hour television show on WHDH-TV. The pro-

gram, "Dateline Boston," is a sort of roving study of the Boston community on which one program each month is devoted to various phases of the YMCA's many features and training courses. For their Feb. 18th program, the Y asked New England Divers to tell the story of the diving courses that N.E. Divers' instructors have been teaching for nearly five years.

The show was a combination of live panel and equipment demonstrations with selected film clips, some of them shot especially for the program. It opened with a two minute film showing some of the many kinds of activity to be found underwater, while the M.C. explained that skin diving is not just one sport—it's many: hunting, fishing, photography, treasure hunting, nature study, etc. The M.C. then introduced the panel—Jim Cahill, former Navy Frogman, father of skin diving in New England, founder of N.E. Divers and the Y training program; Frank Sanger, N.E. Divers famous current president—an expert diver with one arm and one leg; and Irv Lande, an advertising man, member of N.E. Divers, who wrote and produced the show.

There followed a discussion of basic equipment, modelled and demonstrated by Jeanne Daines and Marion Hayes, lovely mermaids who swim on weekends with N.E. Divers. Then came more film, taken especially for the program, showing actual lessons at the Y; then a panel discussion of the basic aspects of diving, followed by more film on the fun to be found in New England waters.

The final segment of panel discussion covered the practical aspects of diving—cost, safety, winter diving, women in diving, growth of diving in New England, etc., and closed by pounding home again the theme of the program: "If you want to get into diving, take lessons."

Comments on the program were all favorable. WHDH-TV said it was the best "Dateline Boston" show they'd had. Two members of the TV station's production crew signed up for lessons right after the show ended, and the YMCA received many requests for more information on the diving courses.

Indispensable help in filming and film-editing was provided by Don Withee of Northeast Cine Divers, Lynn, Mass.

N.E. Divers recommend TV to any groups who are interested in building skin diving in their area, and who are willing to put out the effort to prepare a good show. Most TV stations are interested in diving programs, and willing to put them on if they are well prepared.

## Authentic Treasure Map

A GUARANTEED TREASURE OF DIVING GEAR

**• KEY TO CHART •**

- 1. WEAT SUITS NEW LOW PRICES.
- 2. TIME PAYMENTS.
- 3. FREE INSTRUCTION.
- 4. AIR REFILLS.
- 5. SHOWN 7 DAYS PER WEEK.
- 6. SEND FOR NEW FREE CATALOG.
- 7. SEE US FOR REAL SAVINGS.

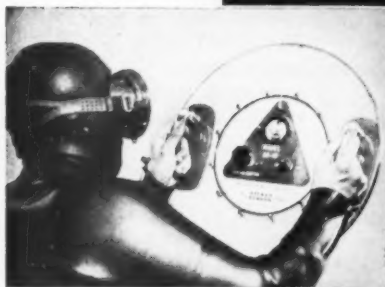
**EVERYTHING FOR DIVING AT  
UNDERWATER SPORTS SHOP**  
5914 E. 2<sup>ND</sup> STREET  
PAGE. 37575 LONG BEACH, CALIF

## Where Divers Stay In LA PAZ

*the La Perla hotel*

WRITE FOR RESERVATIONS & RATES:  
LA PAZ B.C., MEXICO

### Underwater Treasure Hunting is Profitable



... and intriguing with Goldak's new, underwater metal detector. Ideal for locating outboard motors, cameras, anchors, buried treasures and ship hulls. Tremendously functional, the Goldak detector is completely waterproof and self-contained. Powered by standard portable batteries the Model UD-10 is equipped with an internally lighted meter. For descriptive literature —

Write to THE GOLDAK COMPANY, INC. DEPT. 5D  
1544 West Glenoaks Blvd. • Glendale 1, California

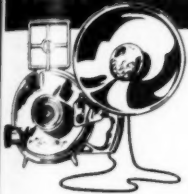
## New! UNDERWATER LIGHT



- Pressurized battery
  - 40,000 candle power
  - Seal Beam headlight unit
  - Weather-proof switch with silvered contacts
- Available in either spot or flood—extra pressurized batteries \$2.50

Still only \$9.95

## MAKO SHARK CAMERA



now complete with flash

Only \$29.95

Note: to present owners—send in your MAKO shark for complete flash conversion. Only \$9.95.

Dealers: Send in your stock now for conversion.

We ALSO are authorized Aqua-Lung repair Depot.

## Research Products

Lakewood, N. Y.

## BUY HIM SKIN DIVING GEAR AT

# MEL'S



NO down payment! . . NO interest

We handle everything made for SKIN DIVING

FREE instruction on Aqua-Lung diving with purchase.

## MEL'S AQUA SHOP

in Riviere Village

1911 So. Catalina Av., Redondo Beach, Calif.  
FR. 5-6714

## SPEARFISHING AND SAFETY

By Ed Corvesse

With another spearfishing season almost upon us, it would be to our mutual advantage for each member to review and practice these suggestions for safer spearfishing.

**BUDDY SYSTEM**—First and foremost, never dive alone. No one expects you to hold hands with your buddy while diving, but an occasional check every so often is good practice. It is a great comfort to know that there is someone in the immediate area capable of lending a helping hand, if it were needed. Besides it is very dull and boring, during a swimming break, not to swap poker-faced lies about that monster you just missed.

**SPEAR GUNS**—Spear guns, whether they be rubber, gas or spring powered, have one thing in common. They have no brains! Once the trigger is pulled, the gun will fire its spear, hell bent for Lexington, no matter what it is pointed at. Fish—rock—steel plate or homo sapiens; it makes no difference at all. Sometimes, brains are found in the diver behind the gun. These are an asset to that diver. They help him to identify what the heck he's got his gun pointed at before he fires. Be especially careful in murky water; that black, ugly, double tailed fuzzwart could just be your buddy lining you up in his sights.

The safety lever on most spearguns is not an ornament—USE IT—not once, but on every dive. It is not impossible to put a spear through your own flipper with an unlocked spear gun. One more thing—never enter or leave the water with a loaded gun. Load the gun in the water and unload it before leaving the water.

**FLOATS**—For the most part our club members use either a rubber innertube (not the midget car size) or the long double chambered float. A burlap bag fastened to the float makes an excellent fish carrier, and the float itself doubles in brass as an emergency self-rescue unit.

You will undoubtedly witness, as the season progresses, spearfishermen (?) going around with fish stringers on their belts in lieu of a float. A skin diver should be as unencumbered as possible, and dragging a mess of dead fish wherever he goes, against a current, through a patch of seaweed or in rock crevices, certainly doesn't add to his chances for survival.

**BOAT OVERLOADING**—Here we go. Sore subject #1026-4J. How many is enough? Sure a 14 foot tub can hold as many as 8 or 9 clowns, but it is convenient to have some freeboard just in case the water gets a tiny bit choppy. Considering the load each diver takes along, add to that the amount of fish caught, leave room for wind and water conditions, and we arrive at a good rule of thumb for a 14-16 foot outboard (subject to variations of course). 2 divers—ideal; 3 divers—most practical; 4 divers—no elbow room, misery for everybody; 5 divers—chaos. Boat swamping can be serious. Sure you can swim like a fish, but what about your gear? Since none of us are millionaires, diving equipment is hard to come by, and by jingo, if you lose yours, you certainly can't borrow mine.

**CONCLUSION**—Being only human, we tend to become casual with the familiar. So it is with skin diving. Sometimes we have to be reminded that we are not in our true element. We may leave our element and enter for a glimpse underwater, only by adapting ourselves briefly to alien conditions. It is then apparent that carelessness under unnatural conditions can be extremely dangerous.

WORLD FAMOUS

# EDCO

Skin Diving suits for **MEN and WOMEN**

Wide choice of suits and kits from \$35.00

Heavy Duty Suits for icy water. Full Face Hood for complete head protection. Shirts for water-skiing.

Standard sizes or custom made. Skin one side or double surfaced.

SOFT, WARM FOAM NEOPRENE

At your dealers or write

## ENGINEERING DEVELOPMENT CORPORATION



305 american trust building  
berkeley 4, california



Subscribe to . . .

# TRITON

Europe's Leading Magazine Devoted to Underwater Activities

- **TRITON** is the official journal of the British Sub-Aqua Club, a national non-profit making organization to develop underwater exploration, science, photography and sport.
- **TRITON** covers fully all aspects of the fascinating sport of underwater swimming and spearfishing techniques, safety, equipment, photography and suitable waters.
- **TRITON** is written by leading international scientists, experts and explorers, and carries news of activities and developments throughout the world.
- **TRITON** also features undersea exploration and development in its widest sense: marine biology, archaeology, and all the other sciences which are being applied to harness the vastness of the seas, and to explore the last frontier.

Remit \$1.50 to cover 6 issues (1 yr.) to:

**TRITON Subscription Dept.**

16 Beverly Gardens  
London SW 13, England





USED  
**CORNELIUS COMPRESSORS**  
PRESSURE TESTED TO 3000 PSI  
**\$60.00**

**COMPLETE CORNELIUS AIR  
COMPRESSOR ASSEMBLIES**  
**\$165.00**

OTHER COMPLETE AIR COMPRESSOR  
ASSEMBLIES WITH ONE YEAR GUARANTEE  
AS LOW AS \$125.00

**AQUA PRODUCTS, INC.**

2005 Monroe St.  
Toledo, Ohio

## GREAT LAKES REGION TO HOLD FIRST CONTEST AFTER LAW PASSED

By GARTH MEYER

To open the 1958 open water diving season, the YMCA Cuadro Pescadores will hold their Second Annual Spear-fishing Contest, June 1 at Lake Copneconic. All divers and diving clubs in the Great Lakes Region are invited to attend. Lake Copneconic is located 7 miles south of Flint, Michigan on Fenton Road.

Trophies will be awarded on the following basis. Each team member will be awarded points on their individual average weight. The total of points for each team will determine the winning teams. Additional points will be awarded for the different species of fish—Gar pike 3 points each; Dog fish 2 points each; Suckers 1 point; Carp 1/2 point.

Prizes will be awarded to individuals bringing in the three largest fish by length. Prizes will also be awarded on a target area depending on the area in which the fish is speared.

The contest will start at 11:00 a.m. and end at 3:00 p.m.

Each team shall consist of three spearfishermen. No Scuba equipment will be allowed in the contest and only

rubber powered hand spears may be used.

The registration fee for the contest will be \$1.50 per diver plus 75¢ which is the Y.M.C.A. Boys' Camp fee.

The only kind of fish which can be speared under present Michigan laws are Dog Fish, Gar pike, sucker and carp.

At 5:00 p.m. in the afternoon of the day of the contest, a banquet will be held at the Boys' Camp Lodge. The guests of honor will be the State Senator and State Representative who were instrumental in passing the recent Spear-fishing Bill through the Michigan State Legislature. The banquet fee is \$2 per person which includes eligibility for a door prize drawing. At this time we have several hundred dollars worth of trophies and prizes, and as the contest date draws nearer the list of prizes is constantly growing.

All clubs and persons desiring tickets to this affair are requested to contact William A. Harbin, Club Secretary, c/o Flint Y.M.C.A., 218 E. Kearsley St., Flint, Michigan, not later than May 25th, 1958.

## Penguin Suits AMERICA'S FINEST



### P-2 Dry Suit

Two-piece dry suit, waist entry. Constructed of two-ply gum rubber, 8% neoprene. Outside color blue or black. Reinforced intersections and fused tapered seams, insuring absolute water tightness.

W/Hood ....\$49.50  
W/O .....\$49.50



### PWSS

Shorty Type Ski Suit  
Constructed of 1/8" closed cell foam neoprene rubber. 400% Stretch factor. Reinforced seams and intersections. NYLON zippers.

W/O Pants .....\$35.35  
W/Pants .....\$52.30



### PW-2

Wet Suit  
Constructed of 1/8" or 3/16" closed cell foam neoprene rubber. Reinforced seams and intersections. NYLON zippers. 400% Stretch factor. Black only. Stripping in black, red, green or yellow.

PW-2 Two-Piece Wet Shirt, Pants and Hood—1/8".....\$52.00  
(Skin Both Sides) 3/16" \$69.60

All workmanship, materials and complete satisfaction guaranteed 100%.

STORE HOURS: WEEKDAYS 9-7

2493 ATLANTIC AVENUE

**Penguin, Inc.**

LONG BEACH, CALIFORNIA  
Phone GA. 7-3684

## EVERYTHING FOR THE SKIN DIVER

GUNS • LUNGS • MASKS  
DIVING SUITS • RENTALS  
COMPRESSOR • SKI SUITS  
LUNGS • AIR FILLS • CLASSES  
FOR SKIN DIVING & SCUBA

Send for FREE Brochure No. 5D4



Southern California...

DIVE

## SHOP CHATTER

By

**CHUCK FREMDLING**

I visited Santa Barbara last month and talked with Jim McCaffrey and Richard Dowse. Both men were engaged in different fields at one time, Jim being with his dad in the retail liquor and sporting goods and Richard with his dairy and automotive parts business in Lompoc.

**Chuck Fremdling**

Diving together and becoming good friends, they decided to venture into business together. And this business was underwater diving. When you visit Santa Barbara be sure to stop at their Sportsman's Headquarters, 634 State St., Santa Barbara. Excellent scuba instruction, complete diving gear and certified air.

Francis Bros. Sporting Goods located in Oceanside at 1811 S. Hill St. just recently purchased a large compressor to replace the bank tanks. While on the way to San Diego drop in and get acquainted and fill up on air. Not only do they have complete diving gear, but fishing, regular sporting goods and marine supplies, too.

While we are talking about going to San Diego don't forget San Diego Divers Supply at 4042 Midway Dr. in San Diego. Manufacturing wet suits is their specialty. Complete diving gear and air station, stop in and have a chat with Bill Hardy and Bill Johnson, the owners.

Tex's Sporting Goods, 910 Wilshire Blvd., Santa Monica, has a complete stock in underwater diving gear and an expert in regulator repair. Stop in and see the whopper of an air compressor they have for your air supply. Have any problems, you have only to ask them.

Watergill Products, 2547 Lincoln Blvd., in Venice is one of the oldest and first skin diving shops in California. Makes you feel like being in a Hawaiian setting with all the relics from the ocean around it. It's unique and different. When visiting, chat with Bob Lorenz, its owner and a well known diver.

Play it safe, don't dive in bad weather. Stay home and help the wife with the dishes. >

## IS THERE A DEPTH FINDER IN YOUR FUTURE?

*Ideal for Locating Wrecks or Fishing Grounds*

**NOW!**

A Depth Finder  
Priced for Small  
Boats

**LOW COST!**

**\$128.50**



**COMPACT!**

Indicator 7"x5"x5"

**LIGHTWEIGHT!**

Complete Unit  
8 Pounds

**NO SPECIAL KNOWLEDGE REQUIRED!**

Shipped Ready for Quick, Easy Installation  
Full Installation Instructions With Each Unit

**ALL TRANSISTORIZED!**

The Most Advanced Sonar Technique Developed

No Tubes or Vibrators to Wear Out

Instantaneous Warm-up • Low Power Consumption  
Less than 1/10 of 1 amp. 6 Volt Lantern Type Battery

**NO OTHER POWER REQUIRED**

*Almost Everything for the Skin Diver — FREE Catalog*

## AQUA SPORT DIVERS

16015 E. 8 Mile Rd., E. Detroit, Michigan

## American Institute of Diving

*"A.I.D. for the diver"*

1106 S. BROADWAY—7TH FLOOR  
LOS ANGELES 15, CALIF. RI. 8-2191

The first complete aqua lung diving center in the nation to offer:

- S.C.U.B.A. and Skin Diving lessons. (Free with purchase of equipment)
- Complete gym
- Showers and lockers for men and women
- Complete workshops
- Camera Case Instruction
- Film editing
- Darkroom
- Little Theatre for meetings, with projection room
- Instruction in Underwater Photography
- Exposure Suit construction
- Regulator Repair
- Spear Gun-Repairs & Chrome Plating
- Machine Shop for all repairs for divers needs
- Our own air compressor, refills from 10:00 A.M. to 10:00 P.M.
- Charter membership in Divers Workshop

The first 25 members will be Charter Members at \$5 per year. Regular year's membership is \$10.

**INSTRUCTIONS**

SKIN & SCUBA  
SWIMMING

**HEATED POOL**

## DO YOURSELF A FAVOR and HELP A FRIEND TOO

USE THIS COUPON TO  
GET IN ON THE AMAZING

### 2 for 1 SKOOBA SUIT

deal described on Page 3. When you receive your suit send box label, stock number and our sales slip plus coupon from Page 3 and receive free suit. Use it also to get your free list of "Close-Outs and Bargains"—sensational wholesale inventory reduction.

\*Special offers for Dealers. No sale made in California or in any Darco Dealer area without Dealer Credit.

**D. L. DAVIS CO.**

3510 Manor St., Los Angeles 39, Calif.

**D. L. DAVIS CO.** 3510 Manor St.  
Los Angeles 39, Calif.

Please rush postpaid one SKOOBA suit, size  
Sm ☐ Med ☐ Lge ☐

Enclosed is \$34.95 in check or money order.  
Add 4% Tax in California.

☐ Please send free list "Close-Outs and Bargains"

Name \_\_\_\_\_

Address \_\_\_\_\_

City & State \_\_\_\_\_

## "SEA HUNT" DIVING GEAR AVAILABLE

A tremendous new stimulus to the sale of swimming accessories has been assured by the W. J. Voit Rubber Corp.'s tie-in with the new and exciting weekly television show, "Sea Hunt," which is presently showing around the country.

The series, which stars the capable actor, Lloyd Bridges, as the featured character, Mike Nelson, deals with the thrilling life of an ex-Navy frogman turned undersea investigator-adventurer.

Voit has obtained an exclusive license

ZIV TV Productions, and is offering competitively-priced swimming equipment based on the title, "Sea Hunt."

Included in this line are such items as the Sea Hunt Fins, Sea Hunt Masks, Sea Hunt Snorkel Masks, Sea Hunt Fin and Mask Kits, Sea Hunt Surf Riders, Sea Hunt Swim Rings and Sea Hunt Wading Pools, among others.

The syndicated show has already been sold in every major market in the country, currently appearing on over 180 TV stations.

"Sea Hunt" has already built top ratings everywhere and is expected to hit its peak in summer, the key months in the sale of swimming accessories.

Sponsors of the series include many of the nation's most respected firms arrangement with the show's producer

such as Standard Oil, Phillips Petroleum, Safeway Stores, Peoples Gas, Edsel Dealers and Bowman Bisquit, and many more.

These ad-wise, aggressive sponsors have the resources for a complete and effective publicity and promotion campaign, thereby guaranteeing a maximum of viewers. Since the show deals with undersea adventure, the sport of skin diving is promoted and publicized well.

Other manufacturers have also secured tie-ins for such items as books, games and costumes, among others.

Because of its adventurous theme and the rugged, resourceful thoroughly believable personality of its hero, "Sea Hunt" is expected to place Mike Nelson alongside of the Hoppies, the Wyatt Earps and the Roy Rogers.

**THC LA PAZ**  
BAJA CALIFORNIA, MEXICO

**ROUND TRIP \$75<sup>95</sup>**  
from TIJUANA  
LA PAZ — LORETO  
LAS CRUCES — BUENA VISTA

SEE YOUR TRAVEL AGENT or  
**Transmar de Cortes**  
SCHEDULED AIRLINE

SUITE 418 • 510 W 6TH ST  
LOS ANGELES 14, CALIF. **MA 6-6663**

U. S. A.

La Paz.

Round Trip from Juarez \$69.45  
Round Trip from Guaymas \$28.13

Small boats 10 and 25 H.P. motors \$2.50 and \$3.00 per hour. Less 25% to SKIN DIVERS. Cruisers are now available until further notice for as low as \$37.50 to \$45.00 per day.

PLEASE SEND INFORMATION ON FLIGHT SCHEDULES, RATES AND LITERATURE

**TRANS MAR de CORTES Airlines**

Calle Esquerro No. 30  
La Paz, B. C., Mexico

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_

# CLOSEOUT

## ROLAND'S Exclusive

ON

**H & R "MOBY DICK"**

**Rubber Powered SPEAR-GUN**

Made by the manufacturers of famous M1 Garand,  
Reising Rifles and H & R Civilian Arms

Anodized aluminum throughout, except spear. Has more features than any other Standard Rubber powered spear gun. Quality unsurpassed.

Regular Factory price **\$19<sup>95</sup>**  
**\$9<sup>95</sup>** Post Paid

You save \$10.00

Foot Cocking Bar      Foolproof Safety      Triggered Line Release

Dealer Inquiries Invited

The South's largest and leading  
Underwater Sports supply house.

**ROLAND'S**  
ROLAND L. RIVIERE, Owner

520 North Rampart Street  
NEW ORLEANS 16, LOUISIANA



## NEW YORK DEALERS...

# UNDERTOW

With  
BEN HOLDERNESS

We shall all be out from under the ice shortly, and divers suppliers are preparing their stock of diving gear, and installing compressors. In Westchester the activity is particularly noticeable, as many excellent sports stores have become enthused about our sport through the wonderful movie "The Silent World."

The greatest contribution to the growth of underwater enjoyment is being made by the many dealers who have made the rather sizeable step of buying a compressor. It takes faith to make this investment, and I believe every diver appreciates the assistance thus offered. Not long ago only the more fortunate of us could find a source of breathing air conveniently, whereas in the coming summer of 1958 high pressure air will be found in most of our eastern cities, sometimes in several locations in one town.

The County Seat, White Plains, N. Y., will have compressors in the establishments of Westchester Sporting Goods, first to take the step, Clarke & Finney, and Joe Friedman's Sporting Goods,

can be arranged wherever requested, providing water is available. If no water is handy, a Sky Dive may be substituted. For those of you who want to contact these men, Jamestown 8376 is the number, and Frank pronounces his name, Falechick.

Underwater photography is rapidly taking its important place in the curriculum, which as we all know provides endless enjoyment. In Brewster, N. Y., the Tilly Foster Quarry offers the clearest of water and great depths for those who are experienced enough to plumb them. Even during the winter months groups visited the diggings and it will be a meeting place for clubs of this area from now on.

I know that those of you who can make the trip to Tilly Foster will find company almost any week-end. Caution is advised on deep dives, as the bottom is reputed to be a long 500 feet below the surface, and the clear water is deceptive. A depth gauge and watch, combined with observation of decompression rules, will be mandatory. It should also be noted that water temperature drops to about 40 degrees not far below the surface. Later in the year we shall have accurate figures, and more to say about this. Contact Charlie Smithline at the White Plains YMCA if you want to have a date with Tilly, or Don Horowitz at Clark & Finney, White Plains.

## ADMIRAL DEPTH GAUGE



ADMIRAL DEPTH GAUGE—A German import. The finest bourdon tube depth gauge of its type with 5 ft. markings to 250 ft. Solid brass housing with a bright chrome finish. Luminous dial and hand. List \$9.95

MAXIMUM DEPTH INDICATOR ATTACHMENT—Tells you accurately how deep you have gone and remains fixed until returned back to 0 position. Ideal for taking sounding prior to diving. List \$1.95

COMPASS ATTACHMENT—Liquid compass housed in sturdy plexiglass. List \$4.95

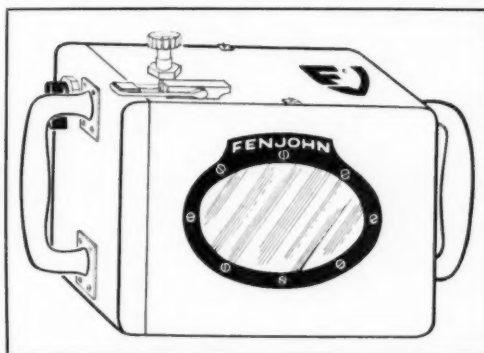
ADMIRAL DEPTH GAUGE—With both attachments. List \$16.50

Dealer and Jobber Inquiries Invited

### AQUA-GUN CO.

1121 North Broadway Yonkers, N.Y.

## NEW! EXCLUSIVE! THE FENJOHN UNIVERSAL HOUSING



At last! A versatile metal housing created to meet your demand for quality at low cost! Accommodates 75% - 80% of all existing 35 mm cameras!

### SPECIFICATIONS:

Construction: Cast aluminum, "O" ring seals, two quick catch release latches.  
Controls: Film wind and trigger. Additional controls at extra cost. (Installed at factory.)  
Port: Mirror quality glass; large oval window for wide-angle lenses.  
Depth: Guaranteed to 100 ft.

Special Introductory Price

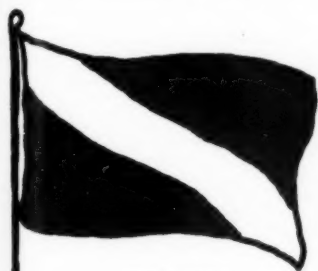
**\$64.95**



AT YOUR DEALERS soon — or write direct to FENJOHN — your only complete source for underwater sports equipment. Dealer inquiries invited.



**FENJOHN CO., INC.**  
90 CRICKET AVE., ARDMORE, PA.  
FREE CATALOG UPON REQUEST



DIVERS FLAG  
Means: Caution, Diver Down.

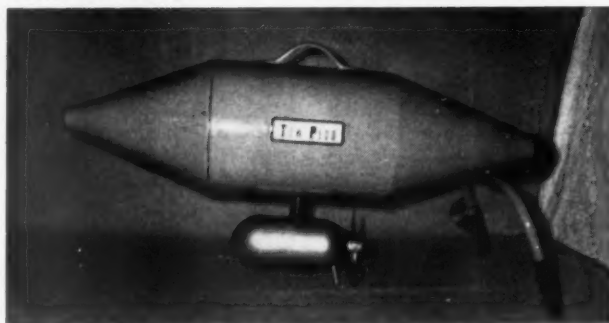
while in New Rochelle, N. Y., we have had a compressor for a year now in Allen Sporting Goods.

Two forward looking divers, and Sky Divers by the way, have formed a company in Jamestown, N. Y., and are diligently promoting underwater activities in the eighteen mile long Chataugua Lake. They are Frank Falczyk and Bob Burns of Research Products. They are making sure all dealers in their area become familiar with both diving techniques and equipment by means of two Volkswagen busses in which they have installed the U. S. Divers display unit. Demonstration dives

SKIN DIVER—May 1958

**It's here at last!**

**The fabulous TOW-PEDO!**



## WHY PAY MORE FOR LESS

### CHECK THESE FEATURES:

- |                                   |  |
|-----------------------------------|--|
| 1. Two forward speeds             | 8. Automatically stops on release of trigger   |
| 2. Guaranteed explosion proof     | 9. Approximate weight 55 pounds (Less battery) |
| 3. Will operate up to 3 hours     | 10. Two hour dive possible with one hour tank  |
| 4. All steel construction         | 11. 150 feet without pressurizing              |
| 5. Corrosion-proof inside and out |  |
| 6. Variable buoyancy              |  |
| 7. Permanent carrying handle      |  |

**Total price (less battery) \$255.00 F.O.B. Detroit, Michigan**

*Brochures mailed on request*

## Setlock's Underwater Products

19475 Strathmoor Ave.

Detroit 35, Michigan

## BREATHE PURE MOUNTAIN AIR

*In the fresh or briny depths*

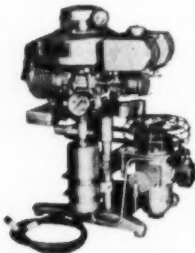
**5 minute service — tanks chilled while refilling**

Single Tanks Refills—\$1.50

Budget Cards—12 Refills \$15.00

### FOR SALE OR RENT

lungs — tanks — masks — flippers — suits  
cameras — floodlight — spearguns — sleds  
compressors



## BOWCRAFT SPORT SHOP

*For quality skin diving equipment*

Route 22

Scotch Plains, N. J.

## SCIENCE for Divers

By ED GUERNSEY, JR.

Many S.D. readers send letters seeking information pertaining to marine science or its allied fields. Today, with the invention of the Scuba, the earth's last frontier is being penetrated. On every trip below, the diver sees animals, plants and other marine phenomena. Many divers collect shells, coral and other submarine specimens. However, other divers would collect the sea's specimens if they knew how. Divers and science interested S.D. readers have many questions to ask about the fields of marine science. The questions can pertain to: biology, zoology, botany, ichthyology, oceanography, invertebrate zoology, marine mammology, conchology, corals, seaweeds, algae, marine photomicrography, sponges and overall marine science.

Scuba divers, with sufficient training and personal interest in marine science, can receive information regarding employment opportunities if their educational qualifications are adequate. For those skin and scuba divers who wish to collect the sea's specimens or try experiments in the following fields, various data can be supplied:

Preserving Zoological & Botanical Specimens

Projects for Biology Students  
Plastic Specimen Embedding  
Injecting Laboratory Specimens  
Making Skeletons  
Photomicrography Simplified  
Studying Fossil Plants and Animals  
Making Laboratory Drawings and Biology Charts

Mr. Edward E. Guernsey, Jr., MSD, President, International Services, and Director of Marine Operations, International Undersea Services, has invited all the readers of SD and their friends to send their questions, inquiries, or marine science problems to the new SCIENCE FOR DIVERS column.

Mr. Guernsey has International's men working with him, plus the years of work compiled by the Botany, Zoology, Ichthyology, Mammology, Plants Science, Herbarium, Biology, Fisheries Science, and Invertebrate Zoology Laboratories of the University of Maine, and the stacks of marine science material found in the University Library, Bangor (Me.) Public Library, State of Maine Library, and International's private science library.

The SCIENCE FOR DIVERS column is for all divers—to assist them in any and every way possible. You are sincerely urged to make use of this science service.

# FEET FIRST FROM THE BOTTOM UP

By G. P. KIRKPATRICK

Sixteen fathoms—96 feet below the surface of the quarry he was in trouble, his feet above him and his dry suit too inflated at the feet to permit him to bring them down!

Panic?

God, one becomes so tired!

The swim down had been done so leisurely, but now his buddy had disappeared and he felt far too buoyant!

Stop kicking his feet and he immediately soared surfaceward much too rapidly.

Kicking frantically he reached the bottom of the abyss again, so tired. Swimming, fighting for the bottom and yearning for the top and fresh, clear, abundant, unrestricted air.

Grasping a large limestone rock he stopped swimming, only to find himself again soaring rapidly towards the surface at an ever accelerated rate with the rock a far too inadequate ballast or required anchor.

Swimming or rather kicking again the bottom approached. Bring one foot down at a time, the instructions were for such emergencies. Fine—but so much air had fed into the suit from the exhaust that it was impossible. The feet or foot would not come down.

Fortunately he stopped for a moment, gathered his wits again and found that the quarry's wall sloped upwards very gently. Swimming slowly and always in a downward direction he could follow the upward slope of the bottom or wall, as long as he held the rock.

Ninety-six feet—ninety-six miles. How far did he swim?

As the depth decreased, his troubles increased. The suit tended to pull him upward more and more rapidly as its volume increased and his swimming or kicking power decreased.

Finally he broke surface, feet first, from the bottom up. Tearing off his mask, he felt his nose. Blood? No. Boy that was a close one; another minute of that and he would have drawn his knife and slit the legs of the borrowed suit.

Moral: don't dive with borrowed equipment, you might think too much of it—down deep!

## AG-X detachable- head...

At last — a detachable head that will penetrate, detach, and hold. Scientifically - designed blade of rust-proof tempered beryllium-copper to doubly insure toughness and deep penetration.

**\$3.95**  
LIST

The AG-X is supplied with a two-way adapter. Fits all French and Italian Guns. Order yours today.

Write for Aqua-Gun catalogue of superior underwater products.

**Aqua-Gun**  
COMPANY  
1121 N. Broadway, Yonkers, N.Y.

# FREE AQUA LUNG CLASSES IN THE NEW DIVE N' SURF HEATED POOL

## COURSE INCLUDES:

- ★ Movie: "Breath of Life" (Color and Sound)
- ★ Instructors certified by Los Angeles County, and Dive N' Surf Inc.
- ★ Diving Cards Issued
- ★ Small Class
- ★ Dive N' Surf Inc. — Private indoor heated pool
- ★ Equipment furnished at the pool
- ★ Ocean trip to Catalina, all day, with Instructor
- ★ Object of course — Safety and Satisfaction

When you buy your SCUBA equipment from DIVE N' SURF, INC., these valuable lessons are free. If you already have some equipment, your purchases can apply on these lessons. For more information, call or write DIVE N' SURF, INC., 504 No. Broadway, Redondo Beach, Calif. OR 8-2736.



## FREE BOAT RIDE!

Yes, ask us for a free demonstration ride in our NEW V-50 Johnson outboard. It's ready anytime you are! No obligation.

Typical underwater instruction in the use of SCUBA, by certified underwater instructor.



# TWO GREAT NEW PRODUCTS from . . . . RICHARDS AQUA-LUNG CENTER

"The Nation's Leading Skin Diving Specialists"

## Richards Breaks the Price Barrier!

### HI-STRETCH FOAM NEOPRENE COLD WATER SUITS

Here are outstanding cold water suits at new low prices! Uni-Cellular construction; a dry, comfortable, snug-fit; easy to slip on and off; insulated. In 2 thicknesses: 1/8" for April to Oct. and 3/16" for under ice, cold weather diving.

1/8" RICHARDS SHIRT .....\$17.50

1/8" RICHARDS SUIT (Shirt & Pants).....29.95

1/8" HOOD, BOOTS and MITTS..... 9.00

1/8" RICHARDS SHORT-SLEEVE SLIP OVER.....14.95

3/16" RICHARDS SHIRT .....22.50

3/16" RICHARDS SUIT (Shirt & Pants) .....39.95

3/16" HOOD, BOOTS, MITTS.....12.00

All suits complete with powder and neoprene cements

Sizes: S, M, L, XL

Indicate Weight, Waist and Height when ordering

### HI-STRETCH FOAM NEOPRENE COLD WATER SUIT KITS

Pre-cut kits, easy to assemble yourself. Shirts with Snap Fastening Apron Supporters. Each kit includes Shirt, Pants, Hood, Boots

1/8" RICHARDS KIT .....22.50

3/16" RICHARDS KIT .....37.50

Sizes: S, M, L, XL

## RICHARDS AQUA-LUNG CENTER

233 WEST 42ND STREET, NEW YORK 36, N. Y.

Counselors and outfitters for world-wide undersea expeditions

## A Richards Exclusive Design!

### UNDERWATER CAMERA CASE

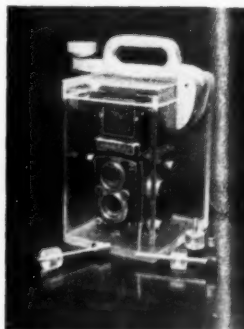
Ciampi-Starr Universal Plexiglass Housing for All Cameras

A sensational case for your underwater photography. Rohan & Haas 3/8" Plastic Housing; superbly designed for the maximum convenience and ease of handling. 1/4" O-Ring seal, Double-O Ring controls (and there are 3 controls). Can be used to 100 feet without pressurizing.

\$49<sup>95</sup>

CUSTOM MADE  
FOR LARGER  
CAMERAS \$10  
extra

Specify camera, model, year and lens when ordering, or ship your camera to us and our technicians will install at no charge.



Richards tests and checks all equipment under actual oceanic conditions. One Year Guarantee. We are the ONLY authorized Aqua-Lung repair depot in the country. All items shipped postpaid.

PERMANENT,  
PROFESSIONAL  
LETTERING

easy  
as

ABC

10M2904



with BERNARD  
DELUXE  
PLASTIC  
LETTERS

Letter your own boat with weather-proof BERNARD Deluxe Plastic Letters—the 5" Roman Style for the name and the companion 3" Gothic for your club or port. Faced in rich gold lacquer with ebony bevel, BERNARD Deluxe Letters insure a permanent, professional lettering job every time, quickly and easily!

5" ROMAN 50¢ EACH  
3" GOTHIC 20¢ EACH  
Brass Fasteners Included

AT QUALITY MARINE  
SUPPLY DEALERS  
EVERYWHERE!

Also 3" Gothic Letters and Numbers in Black or White Face  
BERNARD ENGRAVING CO., TOLEDO 10, OHIO

Nanaimo, B. C. . . .

### NANAIMO DEVILFISH

By Ian Folkers

The club dives regularly locally and have moved abroad on occasion to visit other clubs. We dive in both fresh and salt water. Living on Vancouver Island gives us a great variety in diving spots and conditions.

We take our name from the octopus which frequent these waters. We have, on occasion, captured and beached some of these interesting objects. In fresh water we have observed salmon moving upstream and have seen fresh-water flounder.

We were organized to teach and practice safety in the water. We have had visits from diving doctors who lectured to the club on diseases and cures, etc.

Anyone coming to the Island would be welcome to dive with the club and may do so by contacting either John Bateman, President, at 864-L-4, or Ian Folkers, Secretary-Treasurer, at 224-R.

Hayward, California . . . .

### AQUA TUTUS

By James T. Lowe

We have an auxiliary membership for non diving associates such as families; our age limits are approximately from 12 to 105 years (with special exceptions) and we are "coeducational".

Generally, our diving spots are continuous from Fort Bragg to San Simon, twice a month, all weather, all year.

Several of our members were instructors in the Hayward School of Skin Diving during the past two years and some are currently engaged in instruction at the San Leandro City Recreation Skin Diving Class—"Operation S.O.S." (Safe Ocean S.D.).

Besides enjoying hell-bent for election as well as serious aquatics, we are very much interested in promoting and developing diving safety, good public relations and teaching.

Hamilton, Ontario . . .

## HAMILTON TIGER SHARKS

By Walter Orchard

It is with a great deal of pleasure that the Tiger Sharks welcome two new members, Harry Tozer and John Treskin. John is a diver of some years experience and has dived in almost every part of Eastern Canada. Recently we lost two members to the sunny climate of California.

Two weeks ago the Sharks, their wives and friends had a Swim Party at Prud'homme Garden Centre, Vineland, Ontario. Everyone had a wonderful time swimming, bowling and last but not least eating. Our second in command Bob (Puddles) Fogarty missed the do as he was in the hospital. They tell us that he is not all here now.

Shortly after our last report the Sharks were privileged to have Howard Livsey, of the Submariners, give a Safety Talk. Howard's talk was well given and was greatly appreciated. Our Club Room is now completed and all our members think it is the proverbial 'most'.

Other Clubs with whom we have been corresponding seem very interested in our motto. It is S.C.U.B.A.—Safety—Conservation—Underwater Exploration—Brotherhood—Adventure.

Great Falls, Montana . . .

## "Y" DIVERS OF GREAT FALLS

By Don Arnest

A new club has been formed in Great Falls, Montana, and after three business meetings the name, constitution, and by-laws were planned and approved. Utilizing the Y.M.C.A. pool for training and their conference room for our meetings, (Wed. of each month), it was decided to use part of their symbol, so the Club's name came to be "Y" Divers of Great Falls, Montana. We are hoping the Y.M.C.A. will sponsor us eventually. We have 23 members now assigned and participating in training as of 26 Feb.

The life saving phase of our training has been completed and we are now in the equipment knowledge and repair phase. If things work out we hope to complete everything including Scuba by May.

Our Club address will be c/o Fieden's Marina, Great Falls, Mont.

Los Angeles, California . . .

## SEA BEARS

By Jay Riffe

Our club has changed its name! We were formerly known as the Sea Cubs, '54 Junior Champions. Now that we are no longer in the Juniors and are well along in the men's competitions, we figured an older name would be more appropriate. The idea came up of just calling ourselves the Sea Bears.

During Christmas vacation our club members have taken trips to Mexico and off shore islands. The prize trips being to Guaymas and Cedros Island. On the weekends our club is most active in Laguna and San Diego areas.

Lobster season is over, the club is now concentrating on our competitive team. We are training by having friendly meets. The meets are based on the competitive skin diving rules. We used the fifteen inch size limit. Both clubs thought this was of no great hindrance. If any clubs are interested in having a competitive meet contact Jay Riffe at AXminister 1-8714.

N.A.S., Los Alamitos, Calif. . . .

## SEA COMBERS

By Larry Hooberry

On Friday, March 14, the Los Alamitos Sea Combers diving club was reformed with Bob Manicki promoting and assisting the club in setting up initial organization until the new group was fully established. The charter membership is now set at fourteen with the following presiding as temporary officers. Bob Nelson, Tom Cheattle, Doug Innocenti, and Larry Hooberry. The established rules will govern the club and the original insignia will still be used. All of our membership so far consists of Navy personnel. We are already planning several trips to the beach and an all out trip to Santa Catalina island next month. In the past the Los Alamitos Sea Combers was a very active organization and it was re-established after only two preliminary meetings. Any one with interest in the club can write to any of the officers c/o Naval Air Station Los Alamitos, Long Beach, California.

Arlington, Virginia . . .

## PIONEER SKIN DIVING CLUB

By C. K. Sherrill

The Pioneer Skin Diving Club will give its spring diving course from May 3rd to May 24th at Francis Swimming Pool, 25th & N St., N.W., Washington, D.C. The course is open to all persons interested in diving, and is conducted on a non-profit basis. The total cost to each student is \$5.00 and those persons completing the course will be given certificates, and invited to join our club. Persons interested may contact C. K. Sherrill, at Overlook 3-2749.

We have designed a small card showing the new Divers Flag, our club has distributed many of these to boat dealers, sporting goods stores, and we are presently making large 8 X 10 copies for posting in the local boat shops.

## Buy With Ease From Mail Order Specialists

Spearfisherman Wide View Mask	\$12.95
Duck Feet—floating, reinforced	
Gum, std, sm, m, m-lg, lg	8.95
Giant Size, m-lg, lg, x-lg	12.95
Add \$1 Xtra to std and Giant in Black	
Super lg in gum \$13.95; Super lg in black \$14.95	
LifeGard Std	\$7.95; Heavy Duty \$12.95
Extra Cartridges—2 in a box	80c
New Soft Endurable Flipper-Slippers, Pr	\$4.95
The Compleat Goggles (a must for the diver)	\$5.00
Dacor, 2 stage lung complete	\$139.50

### SPECIAL THIS MONTH

Skin Diver's Floating Knife, stainless steel, with sheath — Reg. \$2.95 — Now \$1.95

## NEWPORT DIVERS

P. O. Box 664 Newport Beach, Calif.  
Add 4% Sales Tax in Calif.

## The most complete line of DIVING EQUIPMENT in the Pacific Northwest

REFILLS, RENTALS, SALES, SERVICE

1/4" Wet Suits,  
custom fitted . . . \$59.95

Free instruction in our heated pool  
QUALIFIED INSTRUCTORS  
PUGET SOUND DIVERS, INC.  
2520 Westlake N., Seattle, Washington  
AT 3-8555

## FOR SEA SPORT SUPREME

Surf—Inlet  
or Gulfstream

Drive all the  
way to  
HATTERAS



Scottie Gibson  
Owner-Manager

Everything from Bluefish to Blue Marlin

27 Different Games Fishes.

Prize channel bass landed in this area!

Bigger ones coming. Great Skin Diving!

## ATLANTIC VIEW HOTEL

Steam Heat — Comfort — Good Food

April through November — Tel. 113

RESTAURANT

HATTERAS, N. C.

# WET or DRY Bel-Aqua SUITS . . .



## SAVE YOU MONEY

Ask the man who  
owns one . . .

Make your own  
Wet Suits at home:

NOT  
JUST ANOTHER  
KIT. TOREADOR  
teaches home manu-  
facturing and cus-  
tom tailoring.

See it at your dealer  
or

SEND FOR OUR  
FREE CATALOG.

## BEL-AQUA WATER SPORTS CO.

3720 W. 54th STREET  
LOS ANGELES 43, CALIFORNIA




**CANAVERAL**   
Brand New!  
in either Black or  
White snug Satin  
Lustex. Sizes 27-36  
Only \$4.95 ppd.


**PARR** OF ARIZONA

**Skindiver**   
The Skindiver's  
Favorite! Contour cut  
in either Black or  
White snug Satin  
Lustex. Sizes 27-36  
Only \$3.95 ppd.

SKINDIVER SWIMWEAR

**Chop Top**   
All new!  
• Front zipper  
• Elastic back  
plus Draw-string  
• In Red Check  
Blue Check, White  
or Anchor Print  
• Sizes 28 - 36  
Only \$4.95 ppd.

Send 25c coin for  
1958 color photo cata-  
log of His'n Hers Swim  
Briefs (Refunded with  
purchase).

**PARR** OF ARIZONA   
BOX 294  
PHOENIX, ARIZONA

SKIN DIVER MAGAZINE  
Lynwood, California

## Subscription Blank

1-yr. \$3      2-yr. \$5      5-yr. \$10

\$4 one year, outside U. S. Postal Zones

I enclose \$ \_\_\_\_\_ for \_\_\_\_\_ years subscription.

☐ New

☐ Renew

Vancouver, B. C. . . .

**VANCOUVER SUB AQUATIC CLUB**  
By Brian McKenzie

Since last report diving has picked up in Vancouver. The Sub Aquatics once again have the privilege of Empire Pool once a week for training, a great help to most of our divers.

Four members of the Sub Aquatics—Denny Thulin, Ian McKenzie, Lido Piticco and Art Forester have successfully rebuilt a large I.R. Compressor after many hours of hard work and are now supplying divers with plenty of air. Gino Gemma is working on a paddle board. We hope to have others built. Don Berg's new 38 foot boat will give us some good trips in the future.

The Sub Aquatics thank the Seattle Mud-sharks for inviting us to their derby at Edmonds. We sure had a great day's diving.

Seattle, Washington . . .

**Y DIVERS CLUB**  
By Ken Dulin

With summer coming up and diving activity in the Puget Sound area growing, the Y Divers Club invite all interested parties, male or female, neophyte or old pro, to visit one of our meetings and investigate membership.

We don't class our divers as A, B, or C men and we don't give merit badges for 300 foot dives or points for holding one's breath, but we sure have lots of fun. All we ask is that you're willing to dive safely.

We have wreck dives, we hold spearfishing meets, we collect specimens for local scientists, and we try to spread the gospel of safe diving.

We hold our monthly meetings in the Gradale Room of the Central YMCA, on the second Tuesday of each month. Drop in and get acquainted or call our president, John Miller, at PA 3-3548 for information.

Miami, Florida . . .

**MIAMI MAKOS**  
By A. O. Huhn

With the return of Florida's nice weather, the months ahead promise to be full of activities for our club. There is a full program of monthly pool instructions and film instruction for new members, some who were contacted at the Boat Show last month.

We now have five new boats owned by club members for trips to the reefs, two new spearfishing contests have been arranged and we have a new place to meet, at the air-conditioned Coliseum in Coral Gables.

Our club has joined the new S.E. Fla. Council of Skin Divers and have accepted the Divers Flag for our club use. We recently had the pleasure of entertaining skin divers Frank and Pat Steffey of Flint, Michigan at two of our outings. Although the weather was bad, they did spear some fish.

If any of you get down our way, look us up, Box 4252, Miami 42, Florida.

Baltimore, Maryland . . .

**MARYLAND SEA HORSES**

We have started a club in the interest of skin diving. It is for boys and girls from the ages of 13 to 17. We are in need of more members as we have only a few. The only requirements are: an interest in diving and knowledge of the diseases connected with diving.

The club is located in Towson and its surrounding areas. We would appreciate any persons who are interested in diving to call or write to the below address.

We have been diving at Beaver Dam Quarry, but this year we intend to dive in the Chesapeake Bay and its tributaries.

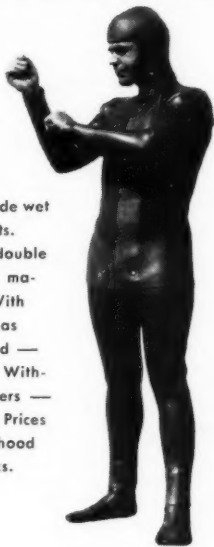
The club is being sponsored by Carl Di Julio of Continental Skin Divers Ltd., 2 West Chesapeake Avenue, Towson 4, Maryland.



Another presentation from . . .

## BAYLEYSUIT

### "The Deluxe Eureka"



Tailormade wet type suits.  
3/16" double surfaced material. With zippers, as illustrated — \$55.00. Without zippers — \$45.00. Prices include hood and socks.

Dry type suits also available. .032 material — \$31.50. Send for brochure and measurement list.

2408 Meadow Lane  
Eureka, California Hillside 2-5305

Dundee, Scotland . . .

### UNDERSEA RESEARCH GROUP

By Walter C. Deas

A new skin diving club has been formed here in Dundee and we intend making it the most active club in the country. The aims of this club are to further underwater exploration, science and sport and also to promote a wider knowledge of the safe use of all types of underwater equipment. The main interests at present are underwater photography and archeology in that order. At present we have six experienced divers, most have been diving for over six years, fully equipped with lungs, suits and cameras.

We intend having a very active season of diving which will include searching for a Spanish galleon, diving on the "S.S. Breda," a 7,000 ton Dutch vessel sunk in 90 feet in our west coast waters. One member shall be diving at Dalinuro, Italy and, two others hope to be diving in the South of England.

If any skin divers are planning a vacation in Scotland, we will be only too pleased to help in any way.

San Gabriel Valley, California . . .

### LUCKY DIVERS, INC.

By Duran Mattson

The Lucky Divers have now been incorporated and functioning as an extremely active club for one year. This group is principally composed of San Gabriel Valley divers who dive continuously and all year round at Catalina Island. This group bought its own 38 foot boat complete with cabin, bunks, galley, and radio equipment exactly one year ago. During that time and the ten members have completed payments on the boat and find that from here on out their diving trips will be quite inexpensive.

Trips are made every Sunday that weather permits to Catalina. Girl friends and wives usually accompany the group except for those days in the summer when an "all male" outing is declared. Each member has learned how to operate the boat so that what usually develops is that the wideawake boys take the helm while the others hit the sack both on the way over and on the way back.

There are two memberships available as a result of sickness and a business transfer. Only divers who have completed the Los Angeles County Scuba course or its equivalent will be considered. Write or phone Duran Mattson, Apt 12, 819 W. Huntington Dr., Arcadia, California. Hillcrest 6-3078.

Stoneham, Massachusetts . . .

### BAY STATE AQUA CLUB

By Gerald F. Comeau

The following are a few facts on the success of this club's display booth at the 1958 Sportsmen's Show held in Boston during February.

We signed up over 90 individuals for our training program. This does not count those applicants who forgot to sign the roster.

We had such a large number of requests from young ladies to join our club, that the Board of Directors have to set up a female section. This has always in the past been a touchy subject at meetings, but we never had such a great number apply before. Now we have to do something about it.

We received an invitation to join the Fairhaven Whalers on another "wreck exploring" trip. This time it is the "Port Hunter" which went down off Martha's Vineyard opposite Falmouth, Mass.

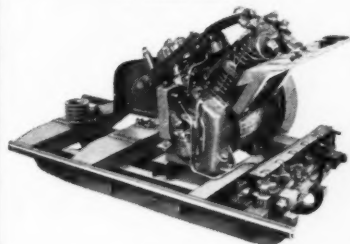
This year we are definitely going to take steps to acquire an air compressor, find a permanent club house, and somehow get the free use of a sea worthy boat for wreck searching throughout Boston Harbor.

## Tremendous Saving!

NEW INGERSOLL-RAND  
HIGH PRESSURE 3-STAGE  
MODEL 3310XG

## AIR COMPRESSORS

- Rated 3000 PSI., 8 CFM at 600 RPM
- Complete with hose & U-pulley
- Complete with Air Manifold & Bottle Holder



This compressor will pay for itself many times over with savings on tank refills. Requires 7.5 H.P. electric motor or Wisconsin VE-4 gasoline engine.

Gov't cost \$2,049.00  
Now, while they last,  
Ship. Wt. 660 lbs.

**\$39500**

F.O.B. Chicago

**SPECIAL!**—Brand new—War Surplus Wisconsin engines sold only with compressor. Reg. \$412—Now Only \$212.

### HARRIS SUPPLY CO.

(Regular Ingersoll-Rand dealer)

1710 So. Michigan Ave., Chicago 16, Ill.  
Phone WEBster 9-2700

## LEAD MOLD

Pour any weight you desire from 1 1/2 to 3 lbs., with a 1 piece aluminum mold.

Price — \$7.50

### WILD BILL HEACOCK

250 Cal Young Rd. • Eugene, Oregon

## CORNELIUS FILTER TANKS

Surplus, (New) Tank packed with act. charcoal, a complete filter and moisture separator ..... \$12.00

Tank unpacked—(NEW)—\$6.00

### AMERMAN DIVERS SUPPLY

7307 S.E. 76th • Portland 6, Oregon

When you're ready for the best



## SEAHAWK

UNDERWATER CAMERA CASES

WRITE FOR FREE CATALOG

## SEAHAWK PRODUCTS

Box 1157, Dept. 2, Coral Gables, Fla.

RIGHT FROM OUR STOCK . . .

**EVERYTHING DIVERS NEED!**



WE PAY ALL SHIPPING COSTS IN U.S.A.

### ALL FAMOUS MAKES OF

SCUBA

WET and DRY SUITS

SPEAR GUNS

FINS and MASKS

PARTS and ACCESSORIES



JOIN OUR UNDERWATER CLUB

For our NEW Price List and Special Privileges to Club Members . . .

WRITE DEPT. SD- 17

**Syron Divers**

13 Smallwood Street  
Baldwinsville, N. Y.

MacDill AFB, Tampa, Florida . . .

### REEF ROVERS

Spring training for the Reef Rovers' skin diving club got an early start this year. A group of prospective members underwent the endurance tests necessary for club entry in a fresh water lake.

In addition to the water checks and preliminary training in water rescue and artificial respiration, personnel on the training committee and members at large held an "outing" for their families.

Other items of business and information included a review of a proposed revised club constitution, arrangements for training facilities on base, access of limited procurement of items from the salvage section, election of officers in April, absences during meetings, and a renewed membership drive.

MacDill's diving club was organized last July for benefit of all base personnel and dependents. Since organization, the club has built to eight senior divers checked out in Scuba, over 20 junior divers ready for a deep salt water tank-check, and over 50 still in preliminary training.

A greater membership is hoped for with evidence of warmer weather and water. ➤

Chicago, Illinois . . .

### DEPTH CHARGERS

By Jim Paglin

Our club is new and we are just getting started with our regular meetings. We have eight members so far and are looking for more, we are planning to get an air compressor soon and it won't be long before we will be going under. The club so far has not elected officers and we don't know when we will. We had some club cards printed for underwater salvage and construction, we have done this kind of work before so it is nothing new to use. We also are going to volunteer our services to the local police department. Besides the work we still go in mostly for the sport, which is underwater photography and spearing Carp in different lakes. We didn't do any diving during the winter except in a swimming pool. This last winter we went to Steinmetz High School and tried out some new equipment. Special thanks are given to Mr. Fred Vesel and Mr. Ed Westergreen for the permission to use the pool. The club meetings are every Monday at 7:30 P.M. any guests are welcome to attend. All correspondence should be sent to Jim Paglin, 4232 N. Octavia, Norridge 34, Illinois. ➤

Hartford, Connecticut . . .

### THE CONNECTICUT SEA DEVILS

By 'Sunny' Santos

The Sea Devils, following Navy recommendations, became the first skin diving club to have all its members X-rayed. The seventeen man group had their chests "photographed" by Dr. Heublein, who pronounced them fit for Scuba diving. This routine will be followed every six months, and the tab will be picked up by the club's treasury.

The group has completed most of the Connecticut Council's tests and is awaiting a break in the weather to finish the deeper diving. New members to the Sea Devils will be required to complete the test before submitting an application. The club is limited to 25 males over the age of 21. We have been hesitant about filling the membership, but have decided to open the doors to eight more qualified divers. Connecticut residents only.

Any clubs wishing to arrange spearfishing meets for the coming season are asked to contact Paul Boy, 11 Grandview Terrace, Hartford, Conn. Paul, Eddy, Rich, and the rest of the team are anxious and ready. Let's hear from some of the clubs around here. ➤

## GET READY FOR SUMMER WITH CENTRAL'S SPECIALS



### FAMOUS MAKE WET SUIT KITS

Directions, patterns, glue, seam material and enough neoprene and zippers for shirt, pants, hood and boots. Comfortable in waters as low as 45°.

DO IT YOURSELF AND SAVE \$50 ON FINISHED SUIT  
Reg. \$29.95 1/2" Kit Now \$19.95  
Professional 3/4" Kit Now \$24.95  
Professional 3/4" skin both sides .....\$29.95

### SKIN DIVER FLOAT & FLAG

Weighted staff with floating ball and flag, complete. Ball has one eyelet so area can be roped off for diving. 2 eyelets on staff for flag. Ball can be adjusted on staff.  
\$6.95 value .....\$3.95

### SKIN DIVER BELT

Famous Pescatore duck and leather utility belt. Lined pocket for extra heads, hooks for flashlight, knife, etc. Professional fish stringer.  
Reg. \$7.95, half price.....\$3.95

### WEIGHT BELT KIT

Now for the first time a heavy duty 2" nylon belt with top quality quick release buckle and 2 lb. weight mold. Now you bottom scratchers can use all that lead. Kit complete with mold only .....\$11.95

### TIE PIN & CUFF LINK SET

Finely detailed, silver or gold finish. Double tank diver with torpeda type camera set. Plush gift box. Set \$4.95. Tiepin only \$2.50 Fed. Tax Incl.

## ATTENTION! NEW CATALOG ATTENTION!

Now for the first time the most fantastic catalog ever assembled. Almost 100 full size 8 1/2 x 11 pages loaded with thousands of items from every leading manufacturer in the world. Many items never before advertised. Now you can compare every lung, fin, mask, gun, suit, camera housing, etc.

See what you get before you buy and SAVE AT CENTRAL.  
More an encyclopedia of Skin Diving than just a catalog.

ONLY 50c REFUNDED ON FIRST ORDER.

### FAMOUS MAKE REGULATOR



Built in reserve, Air Flow hoses, Hope-Page mouthpiece.  
Reg. \$52.50 .....\$39.95

### MAKO CAMERA



Now you can photograph underwater life with a minimum of experience. Famous make underwater camera perfect for black and white and color. Use inexpensive roll film. Housing is camera. .....\$19.95

### UNDERWATER SPOTLIGHT



Central brings you the famous type 40,000 candlepower light used on the Andrea Doria completely pressurized and guaranteed. Lowest price in the country. Only \$8.95.  
Extra batteries .....\$2.79  
2 for \$5.

### DECOMPRESSION TABLE



Luminous underwater slate and rotating decompression table required for air dives. U.S. Navy Standard. Reg. \$2.95 — Now 1/2 price .....\$1.50

### DO IT YOURSELF CASE

3/4" Lucite Camera case with handles made for your Camera. Kit includes camera lock, 2 controls, glue and directions with finished case. You set in controls. Reg. \$69.95—Now \$44.50

### HOUSING CLEARANCE

Argus C3 Metal .....\$49.95  
Leica Metal .....49.95  
Any Other 35mm Metal.....64.95



### AQUA LUNG TRAINING UNIT

New Aqua-Matic 2 stage Aqua Lung regulator with "20 minute" tank. Quality tested "Cousteau Gagnan" process. Is complete with automatic reserve. Top quality harness included. Tank is made for underwater, not inferior surplus cylinder. Free Book "Diving with the Aqua Lung," with each unit. Tanks filled and ready for use. We pay shipping charges. All for \$44.50

### PECHE-SPORT ISOTHERMIC SUIT

Vulcanized foam rubber suit used by U.S., British, French and Italian navy frog men. Excellent for salvage & skin divers.  
Reg. \$84.95; now 1/2 Price, \$42.50

### GUN CLEARANCE

World famous Arbalette type guns at a terrific savings. Gun floats after spear is fired; pin handle and spring clip line release. Corrosion resistant, new improved rubber slings.  
\$27.95 Deluxe as shown now.....\$19.95  
\$19.95 Standard 2 elastic now.....\$14.95  
\$17.50 Junior 2 elastic now.....\$12.95

### NEW AUTO EMBLEM



3 1/2" diameter raised 3-D Metal Scuba Diver .....\$1.95

### NEPTUNE GAUGE



Bourdon principle depth gauge combined with a liquid filled compass. Extra luminous, rugged, and extremely accurate. Non corrosive nickel plated brass case with heavy duty wrist band. Reg. \$9.95.  
Now 1/2 price .....\$9.95

### AQUAPHONE

Very clever sound powered underwater speaking device that can be placed in a mask or utilized with any regulator mouth piece with the exception of the Northhill. Good for limited conversation or attracting attention. Excellent for safety minded divers. Easily installed.  
Now half price.....\$1.99



New "Mac West" RES-Q-PAK .....\$11.95  
FLOTO .....2.50  
LifeGuard .....7.95

### POWER DIVER



Electrically driven unit to conserve air supply and enable diver to cover large areas more rapidly. Extremely maneuverable to depth of 180 Ft. \$350.00

### UNDERWATER WATCHES



New 100 fathoms watch with full one year guarantee. Improved ULTRA-SONIC movement. Ultra luminous dial and hands, stainless case, waterproof band rugged, yet attractive. Including Tax.....\$29.95  
Self-Winding .....\$39.95

NORTHILLS IN STOCK

Tanks Filled While u Wait

DACORS IN STOCK



160-09 JAMAICA AVENUE  
JAMAICA 32, L. I., N. Y. - RE. 9-5772  
MINUTES FROM MANHATTAN

SCUBAS IN STOCK

Central Pays The Freight

AQUA-LUNGS IN STOCK

DEVILS  
Santo  
recom-  
diving club  
The seven-  
sts "photo-  
pronounced  
outine with  
nd the tab  
easury.  
ost of the  
is awaiting  
the deeper  
Devils will  
before sub-  
is limited.  
We have  
membership  
rs to eight  
t residents  
pe fishing  
asked to  
w Terrace,  
n, and the  
eave. Let's  
d here.  
EMBLEM  
diometer  
ed 3-D  
al Scuba  
Diver  
\$1.95  
AUGE  
principles  
uge com-  
a liquid  
aps. Ex-  
out, rap-  
accurate,  
st plated  
avy duty  
9.95,  
\$9.95  
NE  
wered un-  
vice that  
aced in a  
utilized  
regulator  
ece with  
an of the  
Good for  
nervation  
ing atten-  
ely mind-  
lled.  
\$1.99  
\$11.95  
2.50  
3.50  
7.95  
YER  
to con-  
enable  
eas more  
euerable  
\$350.00  
ER  
100 fath-  
atch with  
one year  
unite. In-  
id ULTRA-  
C. move-  
dial and  
water-  
but attrac-  
\$29.95  
\$39.95  
ay 1958

## Wanta be a better diver? try... GYM "N" SWIM

... to increase your endurance and stamina thru daily exercise. Let us help you trim down, enlarge your chest capacity and breath-holding ability, with our special breathing exercises.

Our facilities include...

A large swimming pool—Complete gym

—Reducing equipment

—Stream Room

—Showers and lock-

ers—Trained body-

building instructors



Managed by Bill Brinkley

## GYM "N" SWIM

4500 E. Firestone, Phone LO. 7-9127  
South Gate California

Out of print book by Hope Root  
"Skin Diving & Spearfishing  
on the Florida Reefs"

While they last \$1.00 ea. P. P.

## THE FLORIDA FROGMAN

9302 S. Dixie Highway  
Miami, Florida

"My reputation is your guarantee"

BROOKLYN-LONG ISLAND DIVERS  
COME SEE, COME SAVE — Low pre-season  
prices on wet-dry suits, lungs, guns. Special  
for May: Tanks Filled, one day service

85c

HARVEY'S SPORTING GOODS CO.  
2944 Brighton 5th Street, Brooklyn 35, N. Y.  
Sheepshead 3-0054  
Skin Diving is our Business

## ANOTHER FIRST FOR SEA-NYPH

✓ 1/4" professional suits—\$49.50

✓ Custom made to measurements.

✓ Not a Kit, ready-to-wear.

✓ All suits guaranteed for workmanship  
and materials.

FOR COMPLETE DETAILS WRITE:

## SEA-NYPH MFG. CO.

P.O. Box 1065 Norwalk Square Station  
Norwalk, California UN. 3-3559

Dealer inquiries invited

Flint, Mich. . . .

## YMCA CUADRO PESCADORES

By Earl Hunt

This club is proud to announce that the spearing of noxious fish (carp, garpike, dog-fish and suckers) in certain lakes in Michigan with the use of rubber or spring powdered spears is now legal.

It was a big job, but we took it on and with the help of other skin divers, Dick Metzler and Betty Watts, Ford Sea Horses, Detroit; Carl Forshand, Grand Rapids; and individuals from Michigan United Conservation Club.

Boise, Idaho . . .

## HELLDIVERS II

By John Arrington

Our two newest members, Bill Lewis and John Lundy, brought honor and prestige to our club this month as they copped a first place in the North Junior High Hobby Fair. Their display, containing skin and scuba diving gear, pictures, and club jackets, won the blue ribbon in the miscellaneous hobbies division.

The R.S.S. team performed two jobs this month and received excellent newspaper coverage. The team members dived in the 38" water below Lucky Peak Dam for the believed dead victim of an automobile accident near there. Happily the man was found in Portland the following morning. A week later the team traveled to Diversion Dam to survey the damage caused by a hole in the sluice gate of the by pass tunnel.

Our first ice dive of the year took place at McCall, Idaho on the shores of Payette Lakes. We dived in the logging pond of a saw mill and didn't have to chop through any ice. Bruce Whittig, Larry Yates, and Bob Blackburn logged 85 foot dives in the 33" degree water.

Club members are getting good results with the underwater flash cameras they have constructed. We are eagerly looking forward to the summer diving season and the warmer water and weather.

Tacoma, Washington . . .

## TACOMA SCUBANEERS

By Hank Lamont

The Tacoma Boat show is here and once again we are displaying skin diving gear. Our display this year consists of the new Divers Flag. We feel that this is a good time to acquaint the public with it. Also in our display are several types of suits, guns and "Earl" our five foot-two inch mounted wolf-eel.

Bob Kroeger, Jim Riedel, Tom Johnson, Mike Sorber, George Ralsted and Jim Sanders went on a dive to Hoods Canal. As Bob puts it "it was fabulous." They left Tacoma at seven-thirty in the morning and arrived at the Canal at nine-thirty. They were met with open arms by the local neighbors and were told where the best diving spots were. Donning their gear and spear guns they entered the water to see if it was as good as all the stories they had heard about it. Snorkel tubes were hardly wet when Bob came thrashing to the surface with a 19 pound Ling Cod on his spear shaft. Then Mike and Tom came up with a Ling Cod each. Boy, what a spot, scallops were all over the place as well as oysters and clams of all types. Jim and George came up wrestling a twenty pound, five foot-six inch Wolf Eel.

This was it, it was skin diving at its best. Then to top things off an octopus was spotted. This was a good time to get in a little Octopi wrestling before the world championship on May 11th, so all members pounced on the creature and wrestled it from its lair. Arms, legs and tentacles were mixed in the hassle, but the Scubaneers were at their best and won the battle. After taken to shore, it weighed in at fifty pounds.

## 'WET SUITS' \$22<sup>95</sup>

Wet suit kits complete with all materi-

als and instructions to make an insulated neoprene full suit with jacket, pants, hood, zippers and reinforced seams. Custom cut to you. Send check or money order. (No C.O.D.)



1/8" Single Skin \$22.95

3/16" Double Skin \$36.00

1/4" Double Skin \$39.00

## SEND MEASUREMENTS

- |               |               |                |
|---------------|---------------|----------------|
| 1. Chest..... | 4. Bicep..... | 7. Wrist.....  |
| 2. Waist..... | 5. Thigh..... | 8. Ankle.....  |
| 3. Neck to    | 6. Calf.....  | 9. Height..... |
| Waist.....    |               |                |

Add \$15.00 for Completely Built Suits

## AQUA DIVERS

DA. 66663

F.O.B. LOMITA

1901 PAC. CST. HWY.

LOMITA, CALIFORNIA

## PHILL'S

Dealers wanted

Purchases of any amount acknowledged.

CLUBS INQUIRE NOW

2517 N. W. 10 Phone Jackson 5-6389  
Oklahoma City 7, Okla.

## AQUA-LUNGS - ACCESSORIES

WHOLESALE - RETAIL

Attractive Prices to Diving Clubs

ELGIN DIVERS SUPPLY

846 Seminole Drive, Elgin, Illinois  
Phone SH. 1-4452

## EMBLEMS EMBROIDERED



Guaranteed fast color, for wear on swim suits, sweat-ers, jackets, etc. Perfect for clubs and groups of all sizes in quantities of 12 and up . . . Write for information and also ask about our multi-colored club lapel pins.

Rogers Emblem Mfg. Co.

2450 S. Main St. SD  
Los Angeles 7, Calif.



- New Wide View Mask . . . \$12.95
- Duck Feet \$8.95 to \$13.95
- Dacor Lung, Now \$139.50
- Swimaster's Masks . . \$1.60 to \$5.95

**STONY'S  
FISHING TACKLE**  
PIERPOINT LANDING  
LONG BEACH 2, CALIF.

**CANADIAN  
SKIN DIVERS**

Aqua-Lung • Dacor • Scuba • Dry and wet  
type suits • Air Station • Rentals • Service  
Everything for the skin diver — Catalog

**Loubill Hobbies**  
1321 Main St. E., Hamilton, Ontario, Canada

**"L'Eau et la Vie Sous-Marine"**

French Magazine for Spearfishermen and Skin Divers  
Everything concerning Underwater Equipment used in Europe

SUBSCRIPTION BLANK

L'Eau et la Vie Sous-Marine  
16 Ave. de la Grande Armee  
Paris 17e, France

**\$4 one year**  
(12 issues)

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Country \_\_\_\_\_

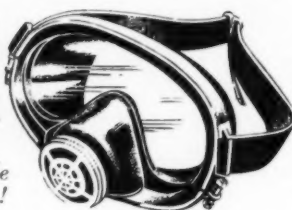
Send Subscription Order by Check only, no cash.



**The SENSATIONAL SWIMASTER**

**WIDE  
VIEW  
MASK**

now  
available  
by mail!



Postpaid \$12.95 ... order today!

**UNDERWATER SPORTS**

2219 BISCAYNE BLVD., MIAMI, FLORIDA

A limited number of the French FLASH MASK by  
Squalo. Postage prepaid \$3.00 each.

Money back if not fully satisfied

**THE FLORIDA FROGMAN**

1331 Biscayne Blvd.  
Miami, Florida

"My reputation is your guarantee."

Spokane, Washington . . .

**THE SPOKANE SKIN DIVERS CLUB**

By John Blake

Skin diving in the neighboring lakes started real early this spring. Dale Pratt, Lem Hutchings and myself ventured into the cold waters of Loon Lake on the first Sunday of March. Visibility was a poor 15 feet and the water barren of all fish life. The bottom weeds are still very dormant. Lem used a 1/2" wet suit for about 20 minutes, but then the freezing water forced him out. Dry or heavy wet suits with wet gloves were found best suited for this water.

The Sunday after found Lee Hamilton, Jim Smith, Dale Pratt and myself collecting bottom samples and searching for anything that moved. Water was 42 degrees in shallow areas. Lee and Dale lung dived to 50 feet and found it much colder down there.

We helped a private dock owner replace several air drums under his dock, thus saving him many hours of cold, hard work.

We would like to express our sincere gratitude to Jensen-Byrd Sporting Goods and Hardware store for giving us part of their booth in the Sports Show. We talked to many interested people thanks to their kindness.

Norfolk, Virginia . . .

**TIDEWATER SKIN DIVING  
ASSOCIATION**

By Mary Aveyard

The sea going City of Norfolk has finally organized a Skin Diving Club. It seemed a shame to let all the beautiful water at Ocean View, Virginia Beach and Cape Hatteras, be allowed to go unexplored. On March 12th —Twenty Eight enthusiastic divers met to form a club. They elected as their officers, Monty Montgomery, Charles Chapman, and Mary Aveyard.

Monty is a former member of the Maryland Waterbugs, Inc., of Baltimore, Md. and Mary Aveyard is past Secretary of the Albany Skin Diving Club, Inc., of Albany, N.Y. We would like to acknowledge our appreciation to the two aforementioned clubs for allowing us to use their Constitution as an outline.

Anyone planning a vacation in or around Virginia Beach this summer and need a "buddy," contact Monty Montgomery, 244 W. Ocean View Avenue, Norfolk, Virginia, JUstice 8-9079.

SKIN DIVER Magazine  
P. O. Box 128  
Lynwood, California

**CIRCULATION BOOSTER**

Please send free introductory copies of SKIN DIVER to three of my diving companions listed below. I am a regular reader of SKIN DIVER and believe my friends are potential subscribers.

1 Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

2 Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

3 Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

My Name \_\_\_\_\_ State \_\_\_\_\_



# S CLUB

John Blake  
akes started  
trait, Lem  
to the cold  
Sunday of  
feet and  
The bottom  
em used a  
t, but then  
t. Dry or  
were found

Hamilton,  
collecting  
anything  
in shallow  
to 50 feet  
here.

er replace  
thus sav-  
work.

more grati-  
factions and  
t of their  
talked to  
their kind-

NG

y Aveyard  
has finally  
seemed a  
at Ocean  
atters, be  
March 12th  
ers met to  
ir officers,  
oman, and

the Mary-  
ore, Md.,  
ry of the  
of Albany,  
ledge our  
ioned club  
stitution as

or around  
I need a  
nery, 24  
Virginia.

ER

diving  
believe

ey 1951

If you use a detachable head, use the best—the "DAGGER"—by the makers of the Airmatic Gun. Send For Free Literature AIRMATIC CO. P.O. 224, Orange, N. J.

Imported original "Squalo" snorkel  
Light blue, flexible mouthpiece  
Prepaid \$2.00 each

Satisfaction guaranteed or your money back.

**THE FLORIDA FROGMAN**  
1331 Biscayne Blvd. Miami, Florida  
"Diving headquarters of America"

## WRECKS BELOW . . \$2.50

A 110 mimeographed page booklet list-  
ing information & position of over 250  
wrecks along the New England Coast.

B. W. LUTHER, JR.  
P.O. Box 225 Fairhaven, Mass.

## NEW ENGLAND Skin Diving Headquarters

Sales — Rentals — Repairs  
IMMEDIATE AIR REFILLS

Wholesale and Retail Distributors  
in Connecticut for Dacor, Fenjohn,  
Healthways, Swimaster & Penguin.

"Owned and Operated by Divers"

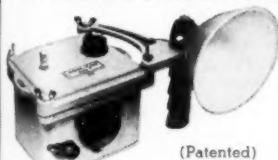
**Underwater Sports, Inc.**  
1751 Park St., Hartford, Conn.  
1-8 p.m. daily • 10 a.m. - 6 p.m. Sat.

## WORLDWIDE PROFESSIONAL UNDERWATER MOTION AND STILL PICTURES MADE

Exciting underwater home movies for sale and  
rental to clubs. Write for descriptive list.

Dr. Nelson Mathison  
3515 East First St. Long Beach 3, Calif.

## • AQUA-CAM • UNDERSEA FLASH CAMERA



(Patented)

M  
A  
R  
K  
I

Price \$49.95 (Bat. Ex. \$2.50) Postpaid

Send check or M.O., or see local dealer

- A complete camera unit of proven cast alu-  
minum construction for deep dives. Not  
plastic.
- Larger 2 1/4" x 3 1/4" B & W or Color pictures
- B C Flash unit contained within camera.
- Gun Type sights for minimum parallax.
- Uses #5 or #25 flash bulb with #620 film.

Brochure on request

**E. E. PETERSEN**

7055 Eastondale, Dept. SD, Long Beach 5, Calif.

## Ponce, Puerto Rico . . .

### CARIBE AQUAHUNTERS

By Ted Crowther

Diving in our waters is practically at a standstill this time of year due to the trade winds that blow during March extending through Lent. We are working some of the quiet sides of the small islands off shore find-  
ing few fish and some conch and lobster. The water is filled with sediment due to high waves, and visibility is very poor. We take little chance with poor visibility here due to the numerous Barracuda who are prone to strike in obscure water at quick movement or any small metal glint such as a face mask ring. We practically associate with the Barracuda in clear water, and four or five foot-  
ers are not uncommon. We don't fear them; just move slower and keep one eye on them until they satisfy their curiosity and move on to look over the next team.

Poor water is a rarity here, however, and we have year long 72 to 80 degree tempera-  
ture making Ponce a diver's paradise.

## Kansas City, Missouri . . .

### KANSAS CITY FROGMAN CLUB

By June Poplar

Kansas City's annual Sports, Boat and Travel Show, held early in February, attract-  
ed thousands of sports enthusiasts and the Kansas City Frogman booth was by no means inconspicuous. Several members were on hand each night demonstrating Scuba in our observation tank, and our junior members were the center of attention with their effi-  
cient handling of equipment. Voit and Healthways provided films which were shown in our reverse projection booth, and helped to illustrate the thrills of underwater adven-  
ture.

Attendance at regular meetings has in-  
creased greatly since the Sports Show and we now have several new members attending our ground school instruction course, prepar-  
atory to becoming "Frogmen".

## Atlanta, Georgia . . .

### ATLANTA SKIN DIVERS

By Jack Faver

During the coldest winter months several of our most active divers have been busy assembling a good air station in the basement of my home. Dan Brisendine, John Peters, Ernie Fuchs, and Pete Howell have all been very helpful in this work. We now have the very best air available from an Ingersoll-Rand #3321 compressor powered by a 20 hp. Universal engine. Our air goes through eight separate filter stages and we fill our tanks to the maximum.

We are planning a busy spring, summer and fall with trips to the Bahamas, the Florida Keys, Cuba, Jamaica, and several trips to the Gulf coast and to various Florida Springs. Our major complaint is that our various jobs confine our diving mostly to holidays, week-  
ends and vacations!!!

## Houston, Texas . . .

### HOUSTON UNDERWATER CLUB

By George Herrera

The Houston Underwater Club was organ-  
ized in February, 1957. We had a very suc-  
cessful season last year and are looking for-  
ward to an even better one this year. Our club has a membership of about 50 and we hope to double that figure by mid-summer.

Club activities include: Scuba training for new members and weekly trips to the Gulf of Mexico. A fishing contest is underway and a beautiful trophy will be awarded to the club member spearing the biggest fish.

Persons in the Houston Area who may be interested in skin diving are urged to contact the club by calling Village Sporting Goods at JA 4-7971 or the writer at HI 2-2812.

## Authentic Wreck Chart of the Great Lakes

COMPILED FROM  
DOCUMENTARY REPORTS

Wrecks and Casualties during  
1886 to 1893. Showing Loca-  
tion of Wreck, Name of Vessel,  
Value of Cargo in that period.

SUPERIOR .....32 Locations  
MICHIGAN .....85 Locations  
HURON .....44 Locations  
ERIE .....50 Locations  
ONTARIO .....16 Locations

227 Locations \$5.00 One Order

No C.O.D. — Check or Cash  
Satisfaction Guaranteed

## FRANK SZENAY

401 Stanton, Bay City, Michigan

## LAGUNA SEA SPORTS

Our Compressor is Here!

12 Air Fills \$10

Rentals — Gun and Lung Repair

### SEA DIVE WET SUIT

Jacket, Pants, Hood, 7 Zippers

Custom Kits — \$36.50

Custom Built \$50.00

10-lb. 2" Quick Release Belts \$7.50

Aqua-Lung—Dacor—All diving supplies

Wide View Mask \$12.95 — Duck Feet

\$8.95 & up — Voit Demo Tips \$9.95

680 No. Coast Blvd., Laguna Beach, Calif.



Anchors  
Aweigh!

You're off to a career  
with a future . . . a  
Navy career! Become  
a seagoing specialist

**NAVY**



Diving Equipment and Compressed Air Stations—a national listing to serve the local and traveling diver. Advertising rate is \$30 for 6 ads taken on a semi-annual basis—Jan. thru June and July thru Dec. Payment must accompany copy. Send all material to Compressed Air Stations, c/o Skin Diver, Box 128, Lynwood, Calif.

All prices are for 70 cubic foot cylinders. Listed Alphabetically by States and Cities.

## ARIZONA

### SPORTS SPOT

4226 E. Indian School Road  
Phoenix, Arizona  
Hours: 9-6

\$1.50

## CALIFORNIA

### SUNLAND SPORTS LODGE

332 North Canon Drive  
Beverly Hills, Calif.  
Hours: 10-9 Mon. thru Sat.

\$1.25

### SKI 'N' DIVE

17043 Lakewood Blvd.  
Bellflower—Mon-Thurs. 9-6  
Open every day 9-6; 9-9 Friday

\$1.25

### AL'S SPORTING GOODS

Highway One at Pier  
Cayucos, California. Phone 4121  
7-9 Sat.-Sun. Hol.

\$1.50; weekdays \$1.25

### SOUTHERN CALIFORNIA SKIN DIVERS SUPPLY

(Located at Compton Hardware Co.)  
226 E. Compton Blvd., Compton, Calif.  
Hours: 8:30-5:30. Fri. til 9

\$1.25

### LAGUNA SEA SPORTS

680 N. Coast Blvd.  
Laguna Beach, Calif.  
Hours: 9-5:30 every day

\$1.25

### PENGUIN, INC.

2493 Atlantic Ave.  
Long Beach, Calif.  
Hours: 9-7 & Sun. 7-12

\$1.25

### UNDERWATER SPORTS SHOP

5914 E. 2nd Street  
Long Beach, Calif.  
Hours: 9:30-6:00, Open 7 days

\$1.25

### AQUA-DIVERS

1901 Pac. Coast Hwy. (Along the P.V. Hills)  
Lomita, Calif. DA 6-6663  
Hours: 9-9, 7 days a week

\$1.25

### LOUIE THOMAS MARINE CENTER

343 So. Atlantic Blvd. Cert. air  
East Los Angeles, Calif. AN 3-0974  
Hours: 9-6; Tues., Fri. & Sun. to 9 p.m.

\$1.25

### SKIN & SCUBA

22774 Pacific Coast Hwy.  
Malibu Beach, Calif.  
Hours: 9-6:30

\$1.00

### LYLE A. HOSKIN & SON

Water Sports Eqp't. Co., Inc.  
1220 West Coast Hwy.  
Newport Beach, Calif. 9-6

\$1.50

### AQUATIC CENTER

4323 W. Coast Hwy.  
Newport Beach, Calif.  
Hours: 9-8, 7:30-8 weekends

\$1.25

### STEELES SPORTING GOODS

5815 College Ave.  
Oakland, Calif.  
Hours: 9:30-6; Thurs. till 9 p.m.

\$1.25

### SPORTLAND

406 South Lake Avenue  
Pasadena, Calif. Certified Air  
9-5:30 Mon.-Thurs.; Fri. 9-9:30

\$1.25

### DIVE 'N' SURF

504 No. Broadway  
Redondo Beach, Calif.  
Hours: 9-6

\$1.25

### MEL'S AQUA SHOP

1911 So. Catalina Ave.  
Redondo Beach, Calif.  
Hours: 9:30-6:00

\$1.25

### SURF SHOP

2686 Great Highway  
San Francisco, Calif.  
Rix Water Pumped Air

Lombard 4-4077

### ART'S AQUA SHOP

328 East 14th Street  
San Leandro, Calif.  
Certified Air

\$1.25

### STAN. SHELLEY—SKIN DIVING EQPT.

1801 Willow Street  
San Jose, Calif.  
Hours: 9-6; Sun. 9-1

### SAN DIEGO DIVERS SUPPLY, INC.

4042 Midway Drive  
San Diego 10, Calif.  
Hours: 9-8, 7 days a week. Certified Air

\$1.25

### WATER GILL PRODUCTS

2547 Lincoln Blvd. EXmont 1-1210  
Venice, California 70 cu. ft. \$1.25  
7 days wk. 9-6, Fri. till 9 Certified Air

\$1.25

### AMERICAN INSTITUTE OF DIVING

1106 So. Broadway, 7th Floor  
Los Angeles 15, California

\$1.25

## CONNECTICUT

### UNDERWATER SPORTS, INC.

1751 Park Street  
Hartford, Conn. \$1.25  
1-8 Daily; 10 a.m. - 6 p.m. Saturdays

## FLORIDA

### CLEARWATER PRODUCTS

1123 Seminole Street  
Clearwater, Fla. Phone 3-3145  
Hours: 8:30-5:00

\$1.50

### THE FLORIDA FROGMAN

9302 S. Dixie Highway  
1331 Biscayne Blvd.  
Miami, Florida

\$1.25

## ILLINOIS

### AQUA HOBBY DEN

8546 S. Racine Ave.  
Chicago 20, Ill.  
Hours: 9-8

\$1.25

### CHICAGO OXYGEN THERAPY SERVICE

1641 West Irving Park Road  
Chicago 13, Ill.  
Hours: 9-9

\$2.00

### DAN'S TRAVELING AIR SERVICE

Special rates for all day dives  
24 Hr. Service. DEWEY 5-0735  
16883 S. Crane, Hazelcrest, Ill.

\$1.00

### ED. THORNE'S HARDWARE

7928 N. 2nd Street  
Rockford, Ill.  
Hours: 8-8; Sat. 8-6; Sun. 8-12:30

\$1.50

## MARYLAND

### CONTINENTAL SKIN DIVERS LTD.

2 West Chesapeake Avenue  
Baltimore 4, Maryland (Towson)  
Phone Valley 3-4921 & 3-8577

\$2.00

## MASSACHUSETTS

### SKIN DIVING SUPPLY CO.

Corner Route 6 & Main St.  
Wareham, Mass. Phone 285  
7 days a week

\$1.25

## MICHIGAN

### WHITE'S SKIN DIVER SUPPLY

323 E. Hoover  
Ann Arbor, Michigan  
Hours: 1 to 10 p.m.

\$1.25

### A. J. SPORTSMEN SHOP

18219 W. 7 Mile Rd.  
2nd Block W. of Southfield  
Detroit, Hrs. 10-9

\$1.50

### THE SKIN DIVING SHOP

18270 Grand River  
Detroit, Mich. VE 7-1995  
Hrs. 12-9

\$1.50

**WATER SPORTS DISTRIBUTING CO.**  
3263 Hilton Rd., Ferndale, Mich.  
5000 P.S.I. Max. Available  
Hours 10-6

## MINNESOTA

### JACK THE FROGMAN CO.

5621 Harriet Ave., So. Minneapolis  
Air filtered four times  
24 hour service

## MISSOURI

### INLAND UW SALVAGE & DIVER'S SUPPLY

9803 Wilson Road (All hours by appt.)  
Kansas City, Mo. Call CL 4-7971  
Reg. Hrs. 9-9 70 cu. ft. tank

\$2.00

## NEW JERSEY

### CALDWELL SPORT SHOP, INC.

N. J. Diving Headquarters  
365 Bloomfield Ave.  
Caldwell, N. J.

### UNDERWATER SPORTS OF N. J.

A complete line for skin divers—Hrs. 10-10  
426 Washington St., Orange, N.J.  
442 Rochelle Ave., Rochelle Park, N.J.

### RAMSAY OUTDOOR STORE, INC.

Route 17, Paramus, New Jersey  
1 blk. from end of Garden State Parkway  
Hours 10-10 including Sundays

### BOWSAFT SPORT SHOP

Rt. 22  
Scotch Plains, N. J.  
Hours 9-9

## NEW YORK

### BALDWIN AMBULANCE & OXY. SERV., INC.

11 So. Grand Ave., Baldwin, N. Y.  
3719 Hemstead Tpke., Levittown, N. Y.  
24 Hrs. BA 3-0325, PE 1-0904, IV 1-1033

### WOLLMAN-SCHMIDT UNDERSEA

CAMERA & EQUIPMENT  
76-11 Roosevelt Avenue  
Jackson Heights, N. Y.

### CENTRAL SKIN DIVERS

160-09 Jamaica Ave.  
Jamaica, New York  
Tues-Wed-Thurs till 7; Mon & Fri 10; Sat 8

### RICHARDS AQUALUNG CENTER

233 W. 42nd St.  
New York 36, New York  
Hrs. 9 a.m. to 10 p.m.

### R. D. GARRETT CO.

3471 Weidner Ave.  
Oceanside, N. Y.  
Ph: Rockville Ctr. 4-9050

### GRODY'S LUGGAGE & SPORT SHOP

342 So. Salina St.  
Syracuse, N. Y. per tank 10c 100#  
Daily 9:30-5:30, Mon. & Fri. to 9 p.m.

## OHIO

### OHIO SKIN DIVERS HDQRS., INC.

Sportsman Lake, Cedarville, Ohio  
Phone Southfield 6-4091  
Rix Water Lubricated Compressor

### OHIO SKIN DIVERS HDQRS., INC.

824 N. Bend Road  
Cincinnati, Ohio  
Phone: Kirby 1-4200

## OREGON

### FOSTER SPORTING GOODS—Ph. PR 5-4303

8030 S. E. Harold, Portland 5, Ore.  
Hrs. 12-9 Weekdays, 9-9 Sat.  
Closed Sun. & Mon. Filtered Air—\$1.00

## PENNSYLVANIA

### ADVANCED AQUA DIVERS

C/o A. M. Cruder  
Phone 5942  
Greensburg, Penna.

## TEXAS

### NATIONAL WELDING SUPPLY COMPANY

DOWNTOWN—5 blks. W. of COURT HOUSE  
615 W. Belknap, Fort Worth. ED. 6-5501  
Year Around Refills — Sales — Service

### PAUL'S AQUA HOUSE

4921-B Camp Bowie Blvd.  
Ft. Worth 7, Texas  
Price 70 cu. ft. tank

### VIRGIN ISLANDS

C. & M. CARON  
Main Street  
Saint Thomas, Virgin Islands  
Hours: 8:30-6

\$2.00

## WASHINGTON

### OSBORN & ULLAND

1123 2nd Ave., Seattle, Wash.  
Hrs. 9-5:30  
Mon. & Fri. till 9 p.m., 70 cu. ft. \$1.25

### PUGET SOUND DIVERS COMPANY

2520 Westlake N. AT. 3-8555  
Seattle 9, Washington  
Hours: 8-5:30 Emergency: SU. 2-0449

### SEATTLE SKIN DIVING SUPPLIES

4853 California Avenue  
Seattle, Wash.  
24 hour service Ph. AV. 5811

## WISCONSIN

### CUDAHY AUTO PARTS CO.

4186 S. Kinnickinnic Ave.  
Cudahy, Wisconsin



# COMPRESSED AIR

## BAHAMAS

### GRAND BAHAMA CLUB

West End  
Grand Bahama Island, Bahamas  
10 cu. ft. \$2.00  
7 days week.

## BERMUDA

### BELMONT SOUS-MARIN

Belmont Manor Hotel  
Warwick, Bermuda  
Tank fill \$2.00

## JAMAICA B.W.I.

### THE SEA CRABS DIVING CLUB

Chatham Hotel, Montego Bay  
All equipment available Air \$2.00  
Trips arranged daily except Sun.

## GRAND CAYMAN, B.W.I.

### PEAR-KING AQUA SPORTS

Capt. Tom Hubbell  
Grand Cayman, B.W.I.  
Diving trips with gear Daily \$2.00

## CANADA

### ISLAND DIVERS

638 Poplar Street  
Hamilton, B.C.  
Air 10c per 100 lbs.  
Eqpt. Rentals. Phone 2536-Y-3

### COASTAL EXPERIMENTAL DIVING SPECIALISTS

In Oxygen-Helium Diving Jobs and Training.  
Underwater Closed Circuit Television Rental. Portable Recompression Chamber for Rent. Now Manufacturing Special Made Deep Sea Diving Light-weight Helmets, Divers Safety Valves, and Form Fitting Metal Cast Face Masks. By Order Only.  
Write:  
A. MIKALOW Coastal Experimental Diving  
8111 McArthur Blvd. Oakland, California

## CANADA

AQUA SUPPLIES — RENTALS  
AIR special offer — 24 hr. Service  
Complete 2 stage lung \$162.50  
Underwater welding  
**FREELANCE**  
199 - 9th St. CL. 1-0932  
Toronto 14, Ont.

## We Serve Dealers ONLY!!!

With the finest

## Skin Diving Equipment

We carry a complete stock of:

U. S. DIVERS . . .  
HEALTHWAYS . . .  
SWIMASTER . . . and  
BEL AQUA

Also a complete line of sporting goods.

ASK FOR OUR CATALOG AND LIBERAL FREIGHT ALLOWANCE

Try Us for Service and Save  
**Pacific Outdoor Sales Co.**  
678A Howard Street  
San Francisco, Calif.

SKIN DIVER—May 1958

Burbank, California . . .

## SEA STARS

By Rita Brunson

The Sea Stars, (formerly the Lockheed Skin Divers) have been very active this past lobster season mainly on boat trips to Santa Rosa and Santa Cruz Islands. The water was a cool 58 and 59 degrees most of the time, but clear.

In July of this year we will combine a Luau with a trophy awarding ceremony for nine lucky divers. So far, the winners include, Stan Zimolong for his abalone measuring 10 3/4 inches, and Frank Oling for his 15 1/2 pound lobster taken at Santa Cruz Island.

The Luau will be supervised by Lloyd Vios, native Hawaiian, and member of our club who incidentally just returned from a vacation in his "home waters" where he reports: "Diving there is as great as ever." OH POI!!

Our future plans include one and two day boat trips to eight nearby islands off the Southern California coast. ➡

Spokane, Washington . . .

## GEIGER TIGER SHARKS

By E. Dwight Howard

With coughing engines and whining turbines giant transport aircraft returned the chilled air for Geiger Tiger Sharks from a somewhat disappointing 30 day stay in Florida. A heavy training schedule and chilly daytime temperatures prevented any extensive diving. The order of the day was exposure suits or beachcombing for sea shells on the beautiful deserted beaches. Back in Spokane they were greeted with unseasonal temperatures of a warm 60° and beautiful ice free lakes.

The Tiger Sharks accepted the new Divers Flag and displayed the flag with a novel poster at both the boat and sportsman show. This display will be presented at the local boating and sporting club meetings and then make scheduled rounds of marinas and sporting goods stores.

Tiger Shark Vital Statistics: Mermaids to Lt and Mrs. James Gunby and Lt. and Mrs. Bill Whatley—Buoys to Mr. and Mrs. Richard Edwards and Mr. and Mrs. E. Dwight Howard.

April will be a big month for the Tiger Sharks as the election of officers and the annual skin diving kick off banquet are held this month. Lt. Dornberger and Dwight Howard are to fly to San Clemente Isle for seven fabulous days of diving. Preparations are also being made with the Inland Empire Council of Divers and the local skin diving clubs the Spokane Skin Divers and the Spokane Aqua-Knights for a Clean Up Campaign of public swimming areas.

If you can eat jello with chop sticks in the rain plan to be at the annual Octopus Rodeo, May 11, in Seattle. ➡

New Orleans, La. . .

## BAJAOS SKIN DIVING CLUB

By Burnie Dodge

We had our installation of officers for the coming year on April 19th, with a dance at the Metairie Community Center.

As of March 24th, we have made three diving trips to the Gulf since the first of the year. The first two trips were flops, because of the weather, but the last one, on March 16th was a huge success. Otis Gilmore speared the largest fish, a Grouper weighing 80 pounds. He also got one weighing 30 pounds. Other club members shot a variety of Sheephead and Red Snapper along with smaller Grouper. If future trips are as successful as this one was, it looks as though we are in for a very good season and every last one of us is looking forward to it.

Anyone wishing information about diving in this area, write us at: 740 E. Wm. David Pkwy, Metairie, Louisiana. ➡

## AQUATIC CENTER



'Underwater Eight'  
Camera case that fits  
all Brownie 8mm  
motion picture cameras.

**\$89.50**

Dealer inquiries invited  
Ask for other skin diving  
free brochures.

• Certified Air Station

• Duck Feet \$8.95 & up

• Dix. Torpedo Gun \$24.95 • Wide View Mask \$12.95 • Two Stage Dacor Lung \$139.50 • New-Soft-Endurable-Flipper Slippers \$4.95 pair

## CERTIFIED COUNTY INSTRUCTORS

Bob Retherford  
Joe McCabe

4323 W. Coast Hwy.  
Newport Beach, Calif.  
ORiole 3-5440

## CLUB JACKETS

Dan River Poplin Jackets embroidered in back with club name, Multi-color design, city and your name in front. Jacket and all for ONLY \$9.95. Sizes 16-18-S-M-L-XL. Jacket colors: Red, Navy, White, Black, Gold. Send rough sketch, our artist will do the rest. \$5.00 deposit, balance C.O.D. LETTERED SPORTSWEAR, P.O. Box 11-111, St. Petersburg, Fla. Send for prices on printed T shirts and sweatshirts.

## DUVALL'S MARINE and SPORTS

- SKIN DIVING EQUIPMENT
- WATER SKIIS
- AND
- MARINE SUPPLIES

Write for Brochures:

3855 W. Slauson Ave., Los Angeles, Calif.  
Ph. AXminster 3-5226

## MARAY goes to CATALINA

42' diesel cruiser, fully equipped, unlimited air  
OPEN BOAT TRIPS EVERY WEEKEND . . .  
PIERPOINT LANDING — 7:30 A.M. — 7  
For info. and reservations call Geneva 1-9550  
Mart Toggweiler, Box 3445, Long Beach, Calif.  
Also available for group charter any time; reserve early for summer trips to avoid disappointment.

## LEARN

### Commercial Deep Sea Diving



The only Diving Training School, available to civilians in U.S. A specialized field. 13 weeks course. Exceptional earnings. Write for information: AL MIKALOW, Director

**COASTAL SCHOOL OF DIVING**  
8111 McArthur Blvd. Oakland, Calif.

## AT LAST! IT'S HERE! the Competitive Skin Diving RULES BOOK

Containing the definition of amateur and professional skin divers, competition rules for ship based and land based contests, and a break-down of the Championship Regions state by state. Compiled by the National Competitive Skin Diving Committee.

Price is **50c** per copy

Available from Rules Committee Chairman:  
**MARIE C. DESSELL**  
602 Rue Max, Warrington, Florida

# Divers' Bulletin Board

**RATE:** Personal notices accepted only. No Commercials. 10c per word. Payment must accompany copy before closing date, first of month.

**FOR SALE** — New, never used; double Aqua-Lung 70 cu. ft. w/constant reserve, 2 stage reg. \$200.00. Dick Hoering, 19 Circuit Avenue, Weymouth 88, Mass.

**MADE A FEW EXTRA** 2 lb. weights, 2 inch slots. Yours for \$1 each plus postage. Charles W. Cummins, R.D. #2, Box 427, Franklinville, N.J.

**WANTED** — Two complete skin diving units and compressor. Bob Ruggles, 25 W. Summit, Chagrin Falls, Ohio.

**BOOKS, MAGAZINES**—any kind. \$100 tropical fish magazines trade-sell. Paul Doerr, 22 Davis, Sharpsville, Penna.

**WANTED** — Jay Nomenclature portable gas driven compressor 15 CFM 3500 PSI or Ingersoll-Rand portable gas driven air compressor. Steve Dulasky, 409 Kinne St. E., Syracuse, N.Y.

**TWO MEMBERSHIPS** available 38' boat, bunks, galley, diving Catalina Island. Buy equity. Telephone Hillcrest 6-3078, Los Angeles, California.

**FORCED TO GIVE UP DIVING**—SACRIFICE—Dacor regulator (used 3 times); 2 75's neutral buoyancy tanks, K valve; Jet-O-Sen; Sea-Air gauge; Fenjohn wet suit (med.); weight belt with Marmac release; Neptune depth gauge and compass; Rouk gun. Take all, no part sale. Send money order only \$425. Frank Ponzio, c/o Tudor Metal Products, 176 Johnson St., Brooklyn, N.Y.

**FOR SALE** — Unused surplus Cornelius compressor, electric powered. Ready to run, \$110. Tanks \$28-40. Spearguns, cameras, other misc. items. Nial Tuvell, 534 W. State St., Springfield, Ohio.

**16mm GSAP, WOLLENSAK** wide angle lens, underwater housing, batteries, light meter and housing, film, extra mags, and wooden carrying case \$129.00. Jim Cataldo, 23200 Telegraph, Detroit 41, Mich. EL. 6-5436.

**NAVY DIVING EQUIPMENT** — Sell or trade for sport diving equipment, Ingersoll-Rand, Model 3321, or large metal detector, or? Captain C. F. Papentus, Newport, Michigan.

**DIVING EQUIPMENT** — DivAir Lung, weight belt, Cressi spring gun, etc. Only used three times. \$100 bucks takes all. GEneva 8-7075, Long Beach, Calif.

**LEICA IF** with 35mm Summaron Wide Angle lens in plastic housing. Glass lens port, full controls, flash jacks, light meter. A complete professional outfit in perfect condition for \$150. Mart Toggweiler, GEneva 19550, Long Beach, California.

## — SHELL TROVE —

**SHELL COLLECTORS**—We buy-sell world wide sea shells. Send list. We pay highest prices. Edward Dunav, 229 S. 9th Street, Philadelphia 7, Penna.

Chicago, Illinois . . .

## THE CHICAGO FROGMEN

By Robert Hill

Our club took its turn in the Illinois Councils' booth at the Sportsmen's show on Feb. 28th. We were informed the skin divers' part in the main show was cancelled for lack of time. Mere technicalities do not stop skin divers, however. Ed and Doc got into their rubber suits and stood on a chair while we explained the equipment to the folks. In all we put on about six shows and drew a larger total number of people than the Navy's helmeted diver.

Port Alberni, B.C., Canada . . .

## ALBERNI VALLEY AQUATEERS

By Kevan van Herd

It seems it is about time this end of the world got into the diving limelight, hence this report is to let those interested know we are active.

We seem to have more sources of fresh water diving then the salt water type. Being situated at the wrong end of a channel, we find that a great deal of the time the water in the channel is cloudy, so we have to go down channel a few miles for clear water. However, we do have all types of fish, including a type of mud shark that seems to like the Valley as much as we do.

All skin diver visitors are welcome at all times and a visitor will get explicit instructions as to where to dive, get air, or to just look at the variety of scenery in our Valley.

Halifax, N.S., Canada . . .

## HALIFAX FREE DIVERS

By Don Chiasson

I'm afraid the club has been almost completely inactive for the past couple of months. Doug Grant and Ralph Elliot did get in the water, but as it turned out conditions were terrible. The air temperature was 34° and the water was 37°. Doug brought his speargun along, only to discard it as visibility was zero. For a while Doug and Ralph poked around what was left of an old wharf. They soon tired of this and called it quits for the day.

In case any skin divers are coming to Nova Scotia during the summer, I wish they would look us up. I think we can show them some fairly good diving. Our address is: Halifax Free Divers, c/o Don Chiasson, 38 Ralph Devlin Dr., Halifax, Nova Scotia, Canada.

**TRADE**—Wish to trade Aires III 35mm camera, F1.9 lens and case plus Colt revolver, Official Police model (.38 Police Special) 6" barrel with hand tooled western holster and gun belt FOR Wollman-Schmidt Underwater Housing (Anasco Memar Model) with tunnel sight and flash. O. H. Billman, 233 E. Dempsey Rd., Oxnard, California. Phone HUnter 3-7001.

**CORNELIUS COMPRESSOR** — unused, in original factory packing box. Surplus. Rated 1500 psi pressure, 27 v.d.c., will run on two 12 volt batteries. Best offer. J. G. Dorward, 6352 Ascot Drive, Oakland 11, California.

**S-A-C-R-I-F-I-C-E.** Excellent sport fishing or diving boat, 30' length, 8' beam, Chris-Craft engine, just overhauled, sleeps 4, head, now docked at Newport. Write or call Chuck Gooding, 860 W. F Street, Ontario, California. YU. 619-332.

**SHALLOW** water tank with K valve and new DivAir regulator. Complete unit ready to dive. \$30.00. I.D.M., Box 135, Dumont, N.J.

# SKI N' DIVE

Complete Skin Diving

## SHOP

Featuring an Enclosed Heated

## POOL

Demonstration & Instruction

## AIR & RENTALS

GEORGE and DON BRAUER  
L.A. County Certified Instructors

17043 Lakewood Blvd.

Phone ME 4-1221

(2 Blocks No. of Artesia Blvd.)

Bellflower, California

**BAHAMAS**—SAIL on the 40' Diesel-auxiliary Cutter "Norma G" enjoy Scuba, skin diving, etc. from Bimini, Berry Islands, Nassau, or wherever you wish to—A party of four at only \$350.00 per week means only \$87.50 per person! Write, wire or call our agent:

FLORIDA YACHT SALES, INC.

Phone Franklin 1-4788

530 Biscayne Blvd. • Miami, Florida

## SOLVE YOUR AIR PROBLEMS

For immediate shipment we have Ingersoll-Rand, 3 stage Compressors. Charge your "Seventy" in 3.86 minutes to 2250 psi. These are no toys. Get a lifetime machine. Have your installation engineered, complete plans furnished. We have extensive stock of hard to get high pressure valves, fittings, tubing, etc. Write for details. MCWHORTER ENGINEERING CO. P. O. Box 9014 • Birmingham 9, Ala.

## Now! For UNDERWATER SHUTTERBUGS

Fool Proof Camera Case Control Unit

• For film wind, shutter release, lens, etc.  
• Lifetime seal — nothing to adjust  
• For photograph or lucite cases — inside  
• 1" polished stainless steel shaft  
• "magnum" "Q" ring — easy turning  
• For flat or curved cases — internal  
• For external  
• Just drill 1/8" hole in camera gland or plate  
• Precision machined internal gears for quietest seal

FREE! CAMERA CASE CONSTRUCTION HINTS WITH EACH ORDER. MAIL ORDER ONLY!

SEND CHECK OR MONEY ORDER TO: Dive Rite, Box 3445, Long Beach, Cal.

## FLY THE DIVERS FLAG!

Large Size - 36" x 36" ..... \$4.00  
Quantity of 6 or more ..... 3.50  
Foot size - 18" x 18" ..... 2.50  
Quantity of 6 or more ..... 2.25  
Auto Antenna Size ..... 1.75  
JUNE SPORTSWEAR CO.  
947 61st St., Brooklyn 19, N.Y.  
Send Check or Money Order  
Store volume prices on application

## 3/16" HEAVY DUTY WETSUIT

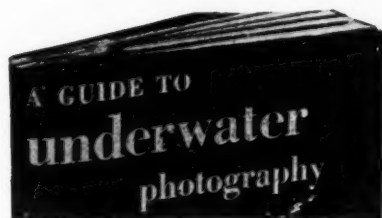
**\$49.95**

COMPLETE READY TO WEAR  
FULLY GUARANTEED

PLEASE SEND CATALOG  
NAME \_\_\_\_\_  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ ZONE \_\_\_\_\_ STATE \_\_\_\_\_  
**PHANTOM PRODUCTIONS**  
1042 WILMINGTON WAY REDWOOD CITY, CALIF.

SKIN DIVER—May 1958

# Underwater Book Shelf



## A Guide To Underwater Photography

by Dimitri Rebikoff  
and Paul Cherney

This is a guide for skin divers who want to photograph their activities and the sights under the sea. Complete information on equipment and techniques of submarine photography and movie making.

BOOK #1.....\$1.95

## American Seashells

by R. Tucker Abbott

This beautiful big book, 541 pages plus 80 pages of color and black plates, paintings and drawings, covers definitive identifications of some 1500 varieties on Atlantic, Pacific and Gulf Coast shores.

BOOK #2.....\$12.50

## Skin Diving and Exploring Underwater

by John Sweeney

176 pages, 8 illustrations. In this handy manual you're told exactly, what systems, practices, precautions and techniques the sport of skin diving demands. Explains how to use flippers, snorkel and face mask for simple dives and gives complete instructions on using the Aqua-Lung.

BOOK #3.....\$3.50

## Diving for Science

by Lynn Poole

A different book on diving, tells of diving as an important type of scientific research. Discusses latest findings in the fields of underwater mineral and oil deposits, exploration of sea caves, charting fish migration.

BOOK #4.....\$2.75

## A Manual for Free Divers Using Compressed Air

by D. M. Owen

Underwater divers find this practical and realistic book complete on the mechanics and hazards of diving with self contained underwater breathing apparatus. Includes full discussion of the physiological aspects of diving.

BOOK #5.....\$1.75

## The Master Diver and Underwater Sportsman

by Capt. T. A. Hampton

Authorized by Chief Instructor of the British Underwater Centre. Explains stages of training in underwater swimming, diving, scuba, and helmet diving. Explains cutting, welding, blasting and seamanship.

BOOK #6.....\$5.00

Join the many

## SKIN DIVER

readers who buy an underwater book every month.

## Free Diving

by Dimitri Rebikoff

Up-to-date book on the various forms of self-contained-diving. Noted expert and inventor tells all about when, where and how.

BOOK #9.....\$5.75

## 2000 Fathoms Down

by Cmdr. Georges Houot  
and Pierre Willm

The authors of this book relate how they spent 30 thrilling minutes on the ocean bottom, 13,287 feet down, in the French Bathyscaphe. Dramatic, absorbing record of man's deepest venture.

BOOK #10.....\$4.00

## To Hidden Depths

by Capt. Philippe Tailiez

Fascinating and intimate account of an important group of men who were the pioneers of this modern sport. Graphically describes what it means to swim underwater with animals of the sea.

BOOK #11.....\$5.00

## Between Pacific Tides

by Edward F. Ricketts  
and Jack Calvin

Detailed pages of habits and habitats of animals living in the most prolific life zones of the world, the rocky shores and tide pools of the Pacific Coast. 502 pages.

BOOK #14.....\$6.95

## Underwater Guide to Marine Life

by Ray and Ciampi

Turtles, sharks, fish, sea weed and everything else that grows or lives in the sea is covered, a true guide. One of the best of books for marine life identification.

BOOK #15.....\$8.75

## Marine Life of the Pacific Tidal Regions

by Dan Ryan

Equipped with underwater camera gear and swimming accessories Dan Ryan has captured on film the most interesting animals of the tidal area. Full color photographs and scientific descriptions. Water proof cover.

BOOK #17.....\$1.75

BOOK #17-P (Paper Cover) \$1.00

## Science of

## Skin and Scuba Diving

developed

by the C.N.C.A.

Everything a diver needs to know to insure safe and scientific diving. Written by Army and Navy authorities, medical specialists and experienced divers and trainers. Information on medical aspects of diving, gases used for scuba, repairs, currents, first aid.

BOOK #18.....\$3.95

## The Naked Warriors

by Cmdr. F. D. Fane

The U.S. Navy Frogman in action throughout WW II and Korea. Underwater action from Normandy through the Pacific and climaxing in Korea. Underwater reconnaissance in the ice locked Arctic.

BOOK #19.....\$5.00

## The Blue Continent

by Folco Quilici

A complete story of an Italian expedition to the Red Sea. Experiments with curare and jet propulsion underwater. Sharks, barracudas, whales, eels, men and women are all important characters in this color full book.

BOOK #20.....\$5.00

## Men and Sharks

by Hans Hass

Adventures of Hans Hass and group in the coastal waters of Greece. The expedition was both a scientific field trip and a motion picture venture by which the author hoped to demonstrate his thesis that sharks are not really very dangerous to humans.

BOOK #21.....\$3.95

## 4000 Years

Under the Sea

by Philippe Diole

The story of Marine Archaeology. The best preserved pieces of the history of Rome, Greece and Carthage are being found on the bottom of the Mediterranean. Undersea archaeology is rewriting history books.

BOOK #22.....\$4.50

## Webfooted Warriors

by Edward T. Higgins

Here is the dramatic story of the men who volunteered for the extraordinary duty of underwater demolition. Before the troops stormed the beaches, the frogmen came in and chartered the area, cleared obstacles.

BOOK #23.....\$3.00

## The Undersea Adventure

by Philippe Diole

From the intrepid frogmen of 480 B.C. to William Beebe's Bathysphere, from how to charm an octopus and scare a shark to sardines and whales. Our own prehistoric origins to the present off-shore oil controversy, all these are but a few of the topics in this book.

BOOK #24.....\$4.50

## Diving to Adventure

by Hans Hass

The early underwater foot-steps of the famous author from his first swim, his first goggles on the French Riviera, meeting Guy Gilpatrick, and his wonderful experiences in the West Indies with spear and camera. Originally published in 1947.

BOOK #25.....\$3.75

## The Gates of the Sea

by Philippe Diole

The author's third book devoted to the sea is the culmination of a trilogy pointed to the exploration of a weird and wonderful land... the world beneath our oceans. If you have enjoyed Diole in past books, this one is his best.

BOOK #26.....\$4.50

## The Compleat Goggler

by Guy Gilpatrick

The first and perhaps the most entertaining book ever written on undersea adventure. A story compiled when the complete equipment consisted of goggles, knife and a hand spear. A "must" to add to your underwater literature.

BOOK #27.....\$5.00

## Shallow Water Diving and Spearfishing

by Hilbert Schenck  
and Henry Kendall

Chapters cover diving science, helmet diving, mask diving, recirculating and throw-away diving equipment, spearfishing, commercial shallow water diving and the ocean inhabitants.

BOOK #29.....\$4.00

## Marine Tropicals

by Ed L. Fisher

The first comprehensive handbook explaining a new successful method for maintaining marine fish and animals. Illustrated. Collecting living creatures and plants from the sea is fun, if you know how and if you can preserve them in natural salt water.

BOOK #30.....\$1.50

## Guide to American Waters

by Hilbert Schenck

For skin divers and spearfishermen planning vacations away from home. Maps of all popular diving areas with shells, fish, temperatures and approximate visibility to be expected in each region. Many fresh water areas also.

BOOK #31.....\$1.75

## Underwater Photography Simplified

Enlarged and Revised Edition

by Jerry Greenberg

Filled with facts about underwater photography in lay language by an ace cameraman. Your problems solved by his many years of experience. Many photos with film, aperture, speed information.

BOOK #32.....\$2.00

## Underwater Book Shelf

### Department

### ORDERING INSTRUCTIONS

To order books from this department please give the full name of the book desired and the book number. Be positive to print or type your full name and address on your letter. Send full amount of money for all of your purchases by check or money order payable to "Skin Diver" to:

Underwater Book Shelf Dept.  
SKIN DIVER Magazine  
Lynwood, California





